Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002505.D
Acq On : 19 Aug 2015 23:44
Operator : UM/IZ
Sample : MDL-05-S
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

Quant Time: Aug 20 04:16:42 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 03:46:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	111159	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	548890	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.41	164	313594	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	690570	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	752752	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	765405	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	13995	5.82	ng/uL	0.00
5) Phenol-d5	7.93	99	314633	31.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	179551	30.24	ng/ul	0.00
9) 2-Chlorophenol-d4	8.34	132	281361	33.86	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	283517	32.92	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	149958	36.44	ng/ul	0.00
22) 2-Nitrophenol-d4	10.75	143	161203	44.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.29	165	266896	33.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.81	131	428192	40.41	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	920629	35.66	ng/ul	0.00
47) Acenaphthylene-d8	15.12	160	1134895	34.93	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	174580	37.47	ng/ul	0.00
58) Fluorene-d10	16.38	176	775118	34.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.49	200	130911	48.24	ng/ul	0.00
71) Anthracene-d10	18.22	188	1198555	35.77	ng/ul	0.00
79) Pyrene-d10	20.44	212	1265966	34.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	1482390	36.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	1587	0.59	ng/uL#	35
4) Benzaldehyde	7.93	77	18498	3.12	ng/ul	96
6) Phenol	7.96	94	27982	2.72	ng/ul	94
8) Bis(2-Chloroethyl)ether	8.20	93	23857	3.01	ng/ul	89
10) 2-Chlorophenol	8.37	128	24602	2.90	ng/ul	94
11) 2-Methylphenol	9.25	108	22536	2.76	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.35	45	31897	2.26	ng/ul#	94
14) Acetophenone	9.66	105	39634	3.09	ng/ul	93
15) N-Nitroso-di-n-propylamine	9.63	70	19119	2.78	ng/ul	93
16) 4-Methylphenol	9.59	108	25290	2.83	ng/ul	96
17) Hexachloroethane	9.93	117	8857	2.65	ng/ul	92
20) Nitrobenzene	10.06	77	26192	2.74	ng/ul	91
21) Isophorone	10.58	82	54719	2.87	ng/ul	97
23) 2-Nitrophenol	10.78	139	15210	3.67	ng/ul	88
24) 2,4-Dimethylphenol	10.81	107	28052	2.76	ng/ul	97
25) Bis(2-Chloroethoxy)methane	11.05	93	32956	2.80	ng/ul	98
27) 2,4-Dichlorophenol	11.32	162	23471	3.06	ng/ul	91
28) Naphthalene	11.74	128	85824	2.97	ng/ul	98
30) 4-Chloroaniline	11.83	127	38607	3.67	ng/ul	100
31) Hexachlorobutadiene	11.99	225	13059	2.94	ng/ul	96
32) Caprolactam	12.60	113	9407m	2.97	ng/ul	
33) 4-Chloro-3-methylphenol	12.89	107	27136	2.82	ng/ul	93
34) 2-Methylnaphthalene	13.29	142	63522	3.08	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002505.D
Acq On : 19 Aug 2015 23:44
Operator : UM/IZ
Sample : MDL-05-S
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

Quant Time: Aug 20 04:16:42 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 03:46:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	13.64	216	28152	3.13 ng/ul	97
38) Hexachlorocyclopentadiene	13.60	237	5934	1.11 ng/ul#	95
39) 2,4,6-Trichlorophenol	13.86	196	17512	3.12 ng/ul	96
40) 2,4,5-Trichlorophenol	13.94	196	19235	3.06 ng/ul	99
41) 1,1'-Biphenyl	14.25	154	82657	3.12 ng/ul	98
42) 2-Chloronaphthalene	14.31	162	61816	3.07 ng/ul	98
43) 2-Nitroaniline	14.50	65	16316	2.67 ng/ul#	80
45) Dimethylphthalate	14.83	163	83151	3.16 ng/ul	99
46) 2,6-Dinitrotoluene	14.97	165	16103	3.27 ng/ul	89
48) Acenaphthylene	15.14	152	106409	3.16 ng/ul	99
49) 3-Nitroaniline	15.30	138	19435	3.64 ng/ul#	87
50) Acenaphthene	15.47	153	69298	3.05 ng/ul	97
51) 2,4-Dinitrophenol	15.52	184	3555	2.09 ng/ul#	1
53) 4-Nitrophenol	15.58	109	9570	2.80 ng/ul	87
54) Dibenzofuran	15.80	168	96110	3.17 ng/ul	97
55) 2,4-Dinitrotoluene	15.75	165	23712	3.39 ng/ul#	85
56) 2,3,4,6-Tetrachlorophenol	16.02	232	13738	2.87 ng/ul#	93
57) Diethylphthalate	16.16	149	85618	3.04 ng/ul	100
59) Fluorene	16.43	166	80887	3.17 ng/ul	99
60) 4-Chlorophenyl-phenylether	16.40	204	36371	3.11 ng/ul	98
61) 4-Nitroaniline	16.44	138	21127	3.42 ng/ul	91
64) 4,6-Dinitro-2-methylphenol	16.50	198	11737	3.85 ng/ul#	68
65) N-Nitrosodiphenylamine	16.62	169	70152	3.10 ng/ul	99
66) 4-Bromophenyl-phenylether	17.29	248	21636	3.00 ng/ul	97
67) Hexachlorobenzene	17.43	284	25458	3.10 ng/ul	98
68) Atrazine	17.53	200	24730	3.14 ng/ul	99
69) Pentachlorophenol	17.76	266	5054	1.25 ng/ul#	90
70) Phenanthrene	18.16	178	130738	3.29 ng/ul	98
72) Anthracene	18.25	178	131815	3.21 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.23	216	26478	2.82 ng/uL	98
74) Pentachlorobenzene	15.72	250	27007	2.97 ng/uL	97
75) Carbazole	18.50	167	121080	3.26 ng/ul	99
76) Di-n-butylphthalate	18.99	149	152804	3.07 ng/ul	99
77) Fluoranthene	20.11	202	145706	3.46 ng/ul	99
80) Pyrene	20.47	202	156713	3.22 ng/ul	95
81) Butylbenzylphthalate	21.27	149	71450	2.97 ng/ul	91
82) 3,3'-Dichlorobenzidine	22.09	252	57294	3.96 ng/ul	96
83) Benzo(a)anthracene	22.19	228	150583	3.28 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	22.02	149	105356	3.03 ng/ul	100
85) Chrysene	22.24	228	140834	3.23 ng/ul	98
87) Di-n-octyl phthalate	23.02	149	183664	3.14 ng/ul	100
88) Benzo(b)fluoranthene	24.03	252	152031	3.20 ng/ul	99
89) Benzo(k)fluoranthene	24.09	252	148489	3.25 ng/ul	98
91) Benzo(a)pyrene	24.74	252	150061	3.30 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	27.65	276	174116	3.34 ng/ul	99
93) Dibenzo(a,h)anthracene	27.65	278	145825	3.30 ng/ul	99
94) Benzo(g,h,i)perylene	28.53	276	143777	3.27 ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

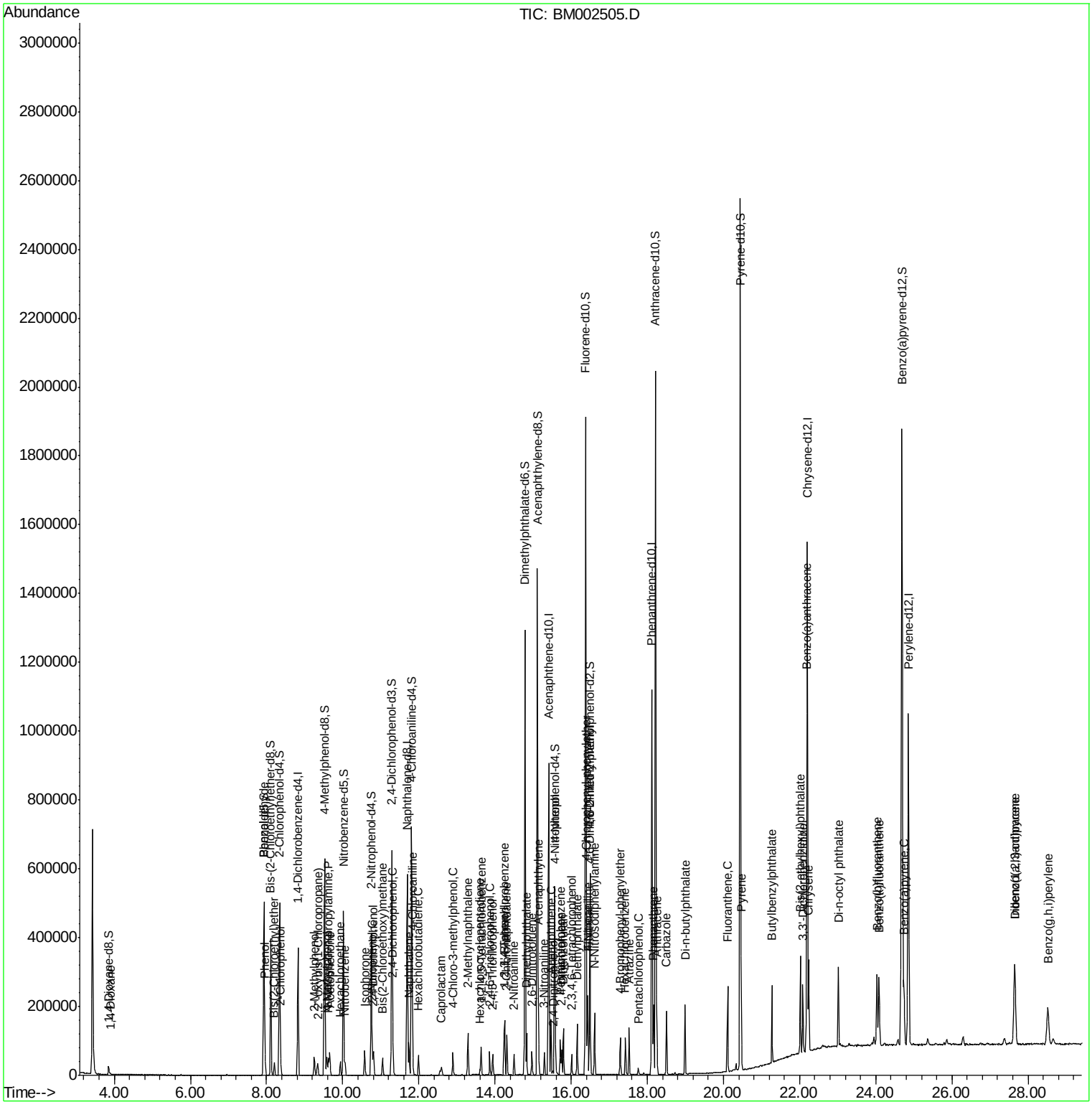
Quantitation Report (QT Reviewed)

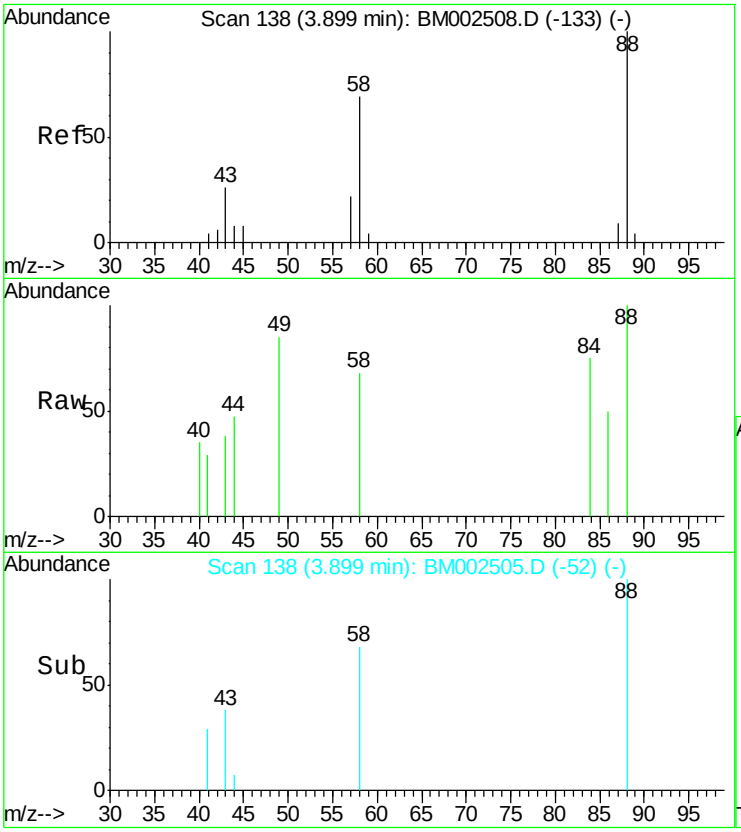
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002505.D
Acq On : 19 Aug 2015 23:44
Operator : UM/IZ
Sample : MDL-05-S
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 20 04:16:42 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 03:46:55 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

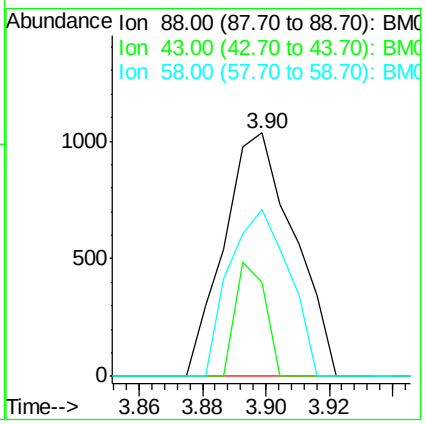




#2
1,4-Dioxane
Concen: 0.59 ng/uL
RT: 3.90 min Scan# 138
Delta R.T. 0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

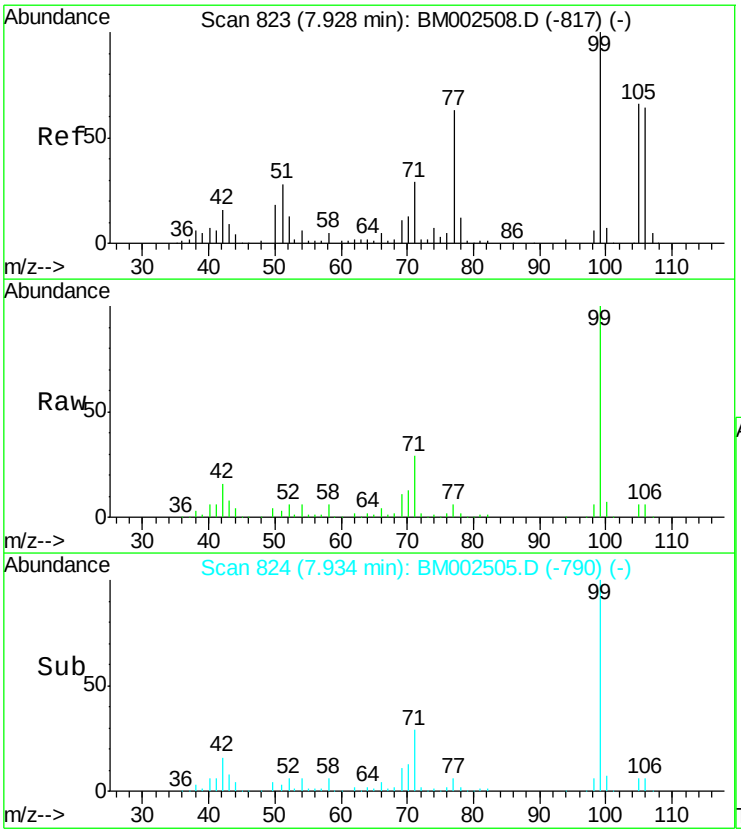
Tgt Ion: 88 Resp: 1587

Ion	Ratio	Lower	Upper
88	100		
43	19.7	2.3	3.5#
58	58.1	0.6	1.0#



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

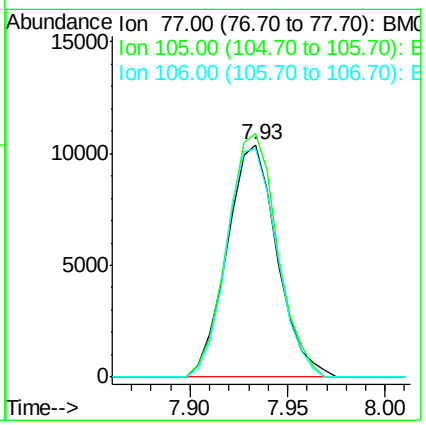
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

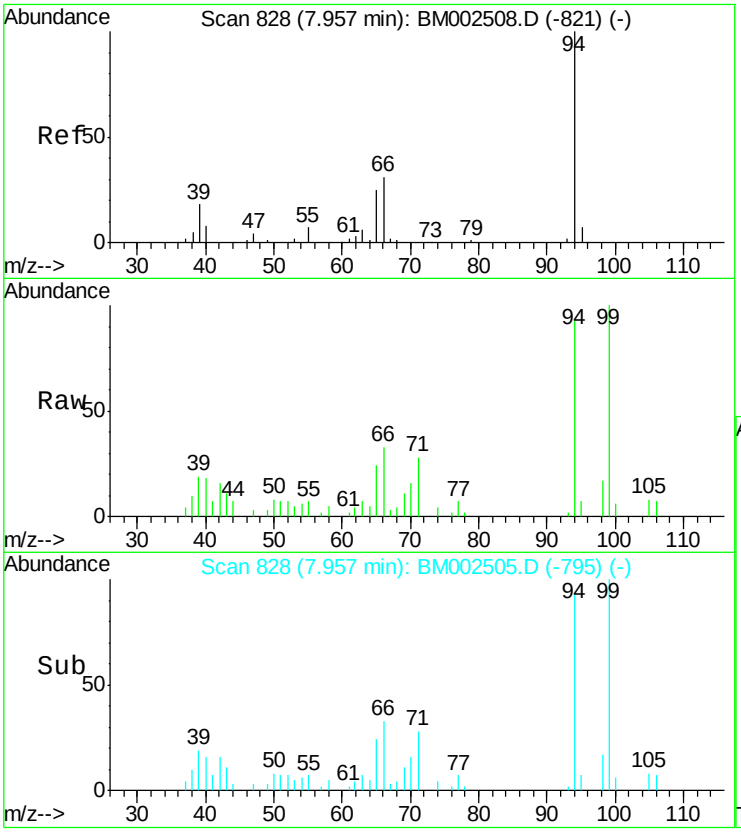


#4
Benzaldehyde
Concen: 3.12 ng/ul
RT: 7.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion: 77 Resp: 18498

Ion	Ratio	Lower	Upper
77	100		
105	104.7	80.0	120.0
106	98.2	76.7	115.1

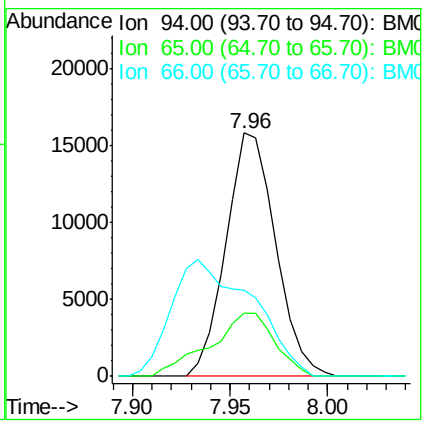




#6
Phenol
Concen: 2.72 ng/ul
RT: 7.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

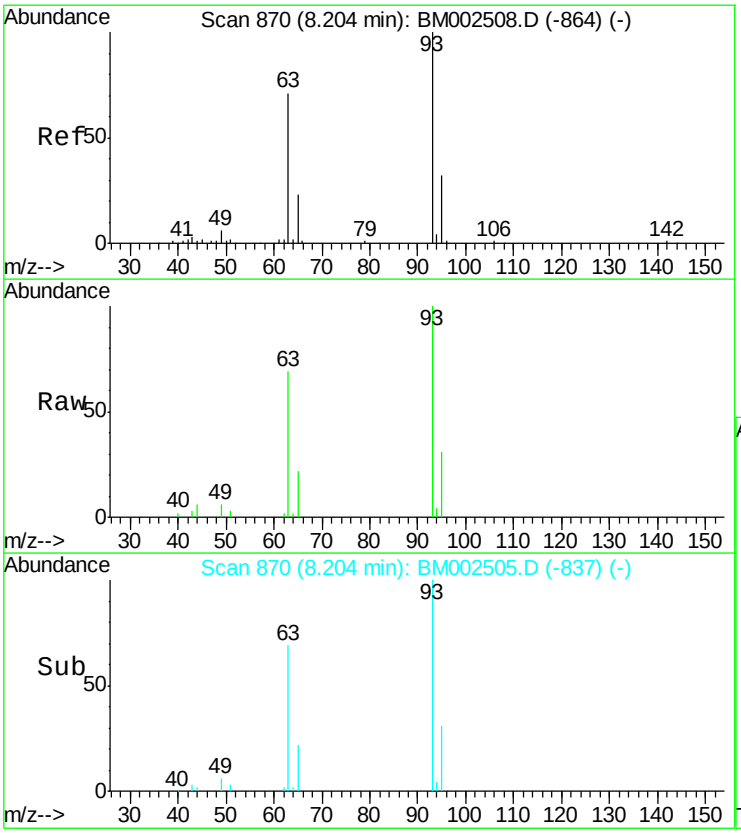
Tgt Ion: 94 Resp: 27982

Ion	Ratio	Lower	Upper
94	100		
65	26.0	23.7	35.5
66	35.6	31.3	46.9



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

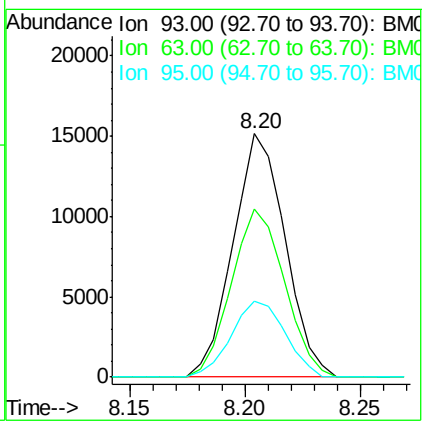
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

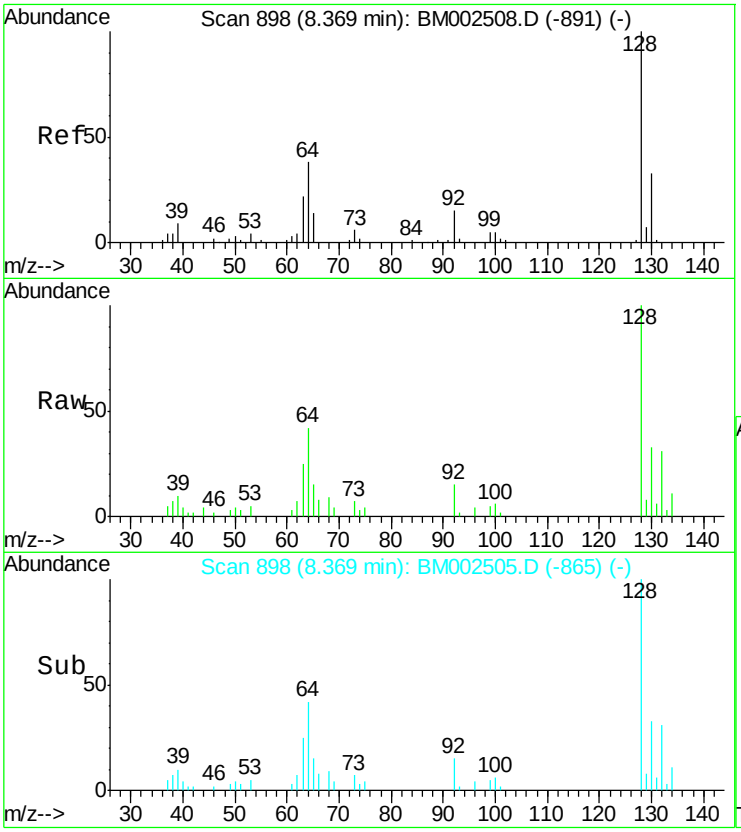


#8
Bis(2-Chloroethyl)ether
Concen: 3.01 ng/ul
RT: 8.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion: 93 Resp: 23857

Ion	Ratio	Lower	Upper
93	100		
63	69.1	64.6	97.0
95	31.0	26.6	40.0

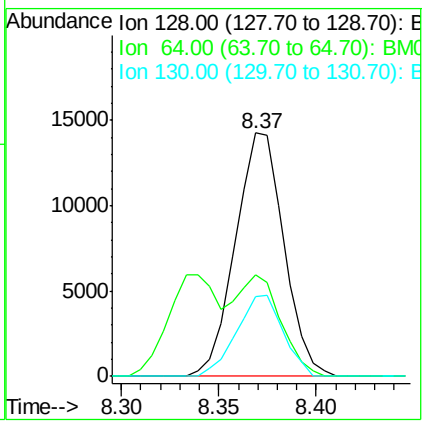




#10
2-Chlorophenol
Concen: 2.90 ng/ul
RT: 8.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

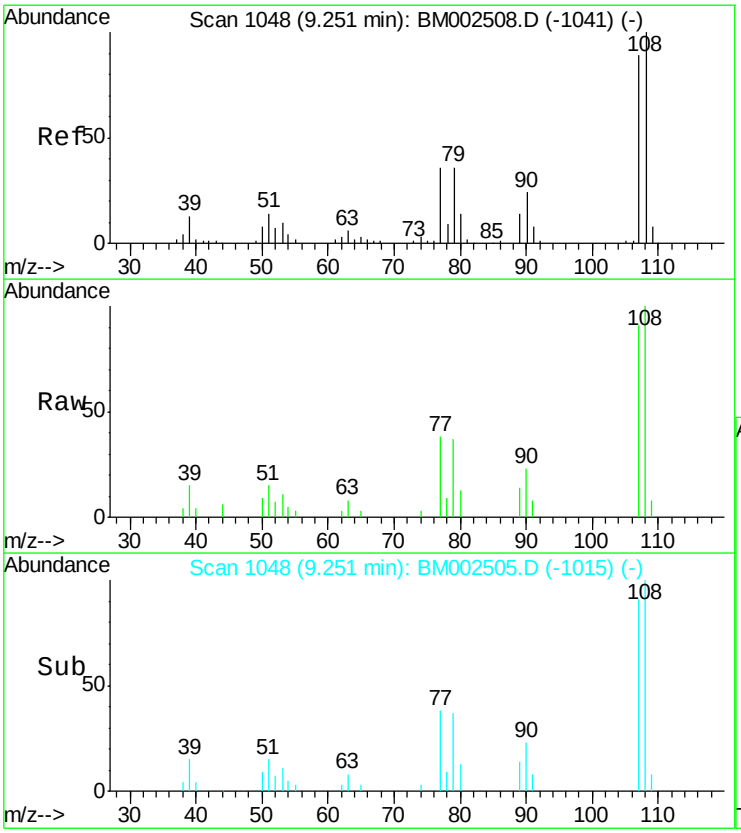
Tgt Ion:128 Resp: 24602

Ion	Ratio	Lower	Upper
128	100		
64	41.8	38.7	58.1
130	32.9	26.6	40.0



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

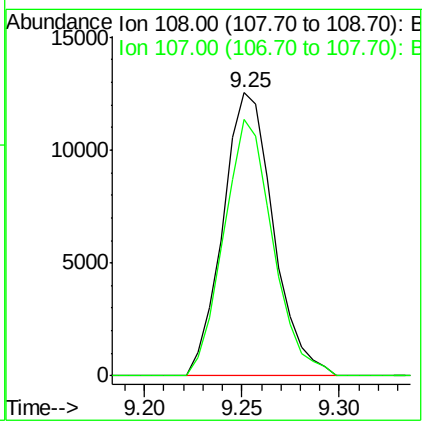
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

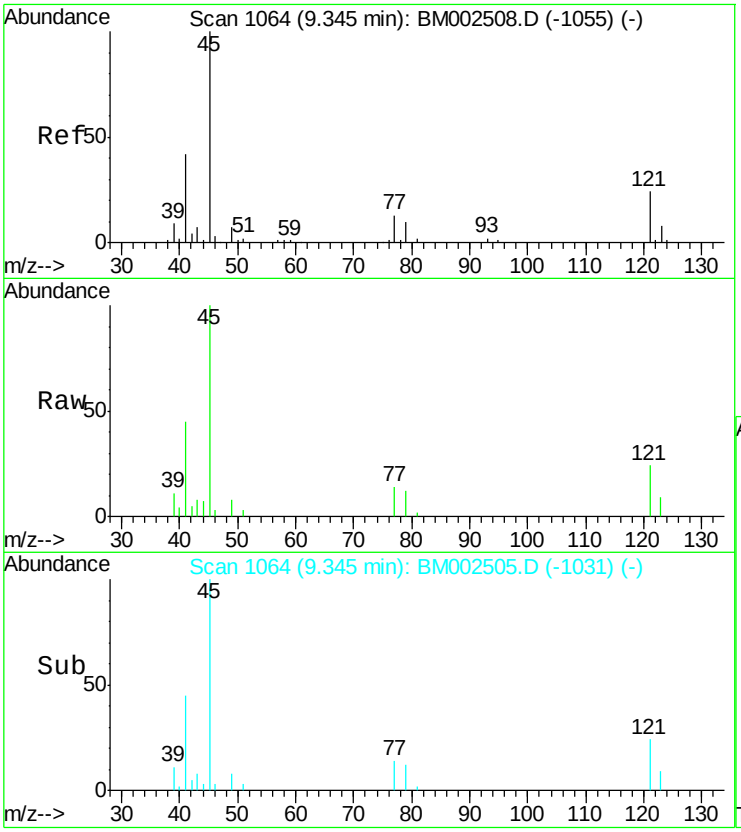


#11
2-Methylphenol
Concen: 2.76 ng/ul
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:108 Resp: 22536

Ion	Ratio	Lower	Upper
108	100		
107	90.6	72.0	108.0





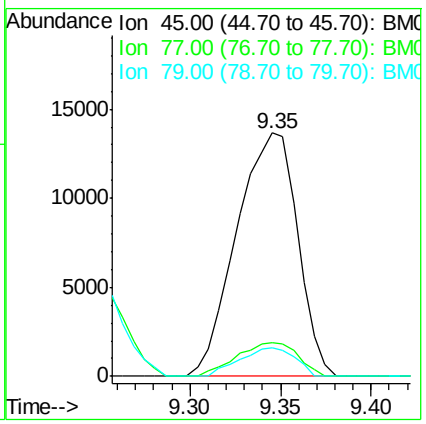
#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.26 ng/ul
RT: 9.35 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

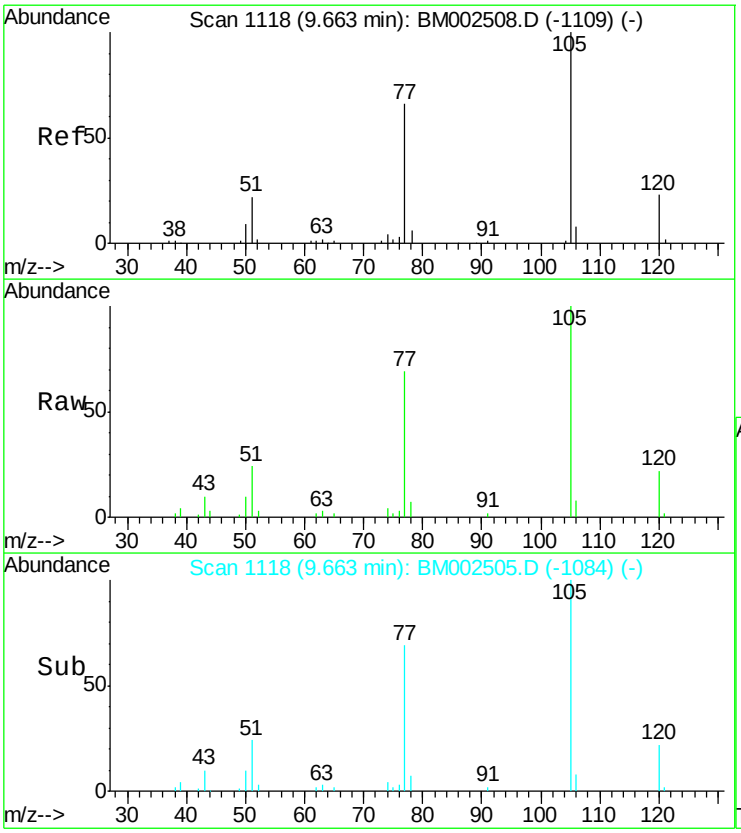
Tgt Ion: 45 Resp: 31897

Ion	Ratio	Lower	Upper
45	100		
77	14.0	9.4	14.2
79	11.7	7.5	11.3#

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

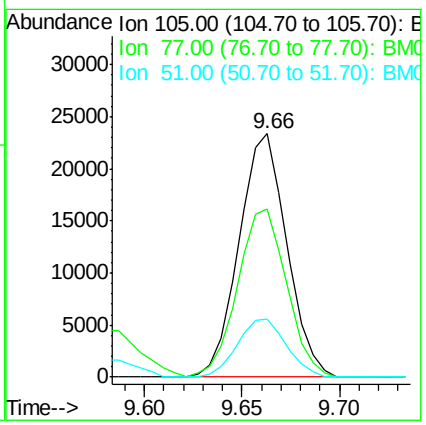


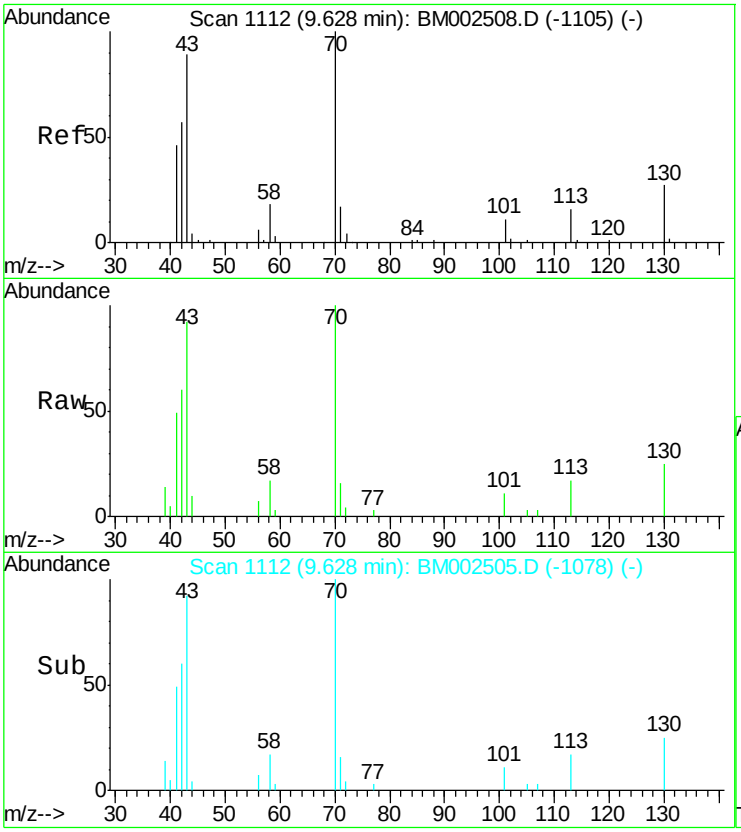


#14
Acetophenone
Concen: 3.09 ng/ul
RT: 9.66 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:105 Resp: 39634

Ion	Ratio	Lower	Upper
105	100		
77	69.2	59.4	89.0
51	23.7	23.4	35.0

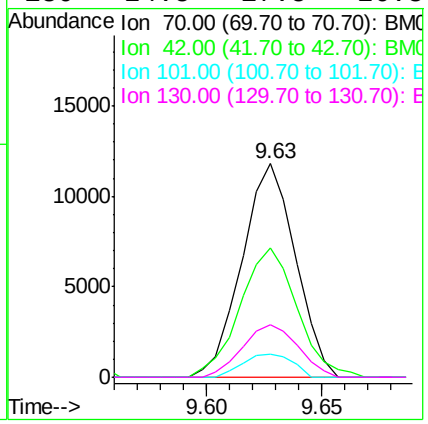




#15
N-Nitroso-di-n-propylamine
Concen: 2.78 ng/ul
RT: 9.63 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

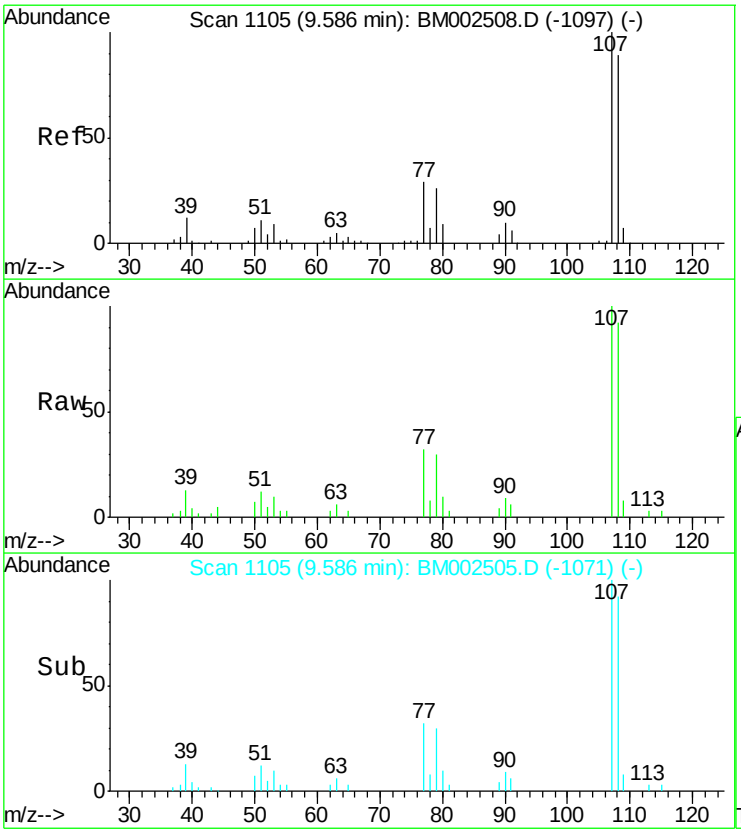
Tgt Ion: 70 Resp: 19119

Ion	Ratio	Lower	Upper
70	100		
42	60.3	53.4	80.0
101	11.0	7.7	11.5
130	24.5	17.5	26.3



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

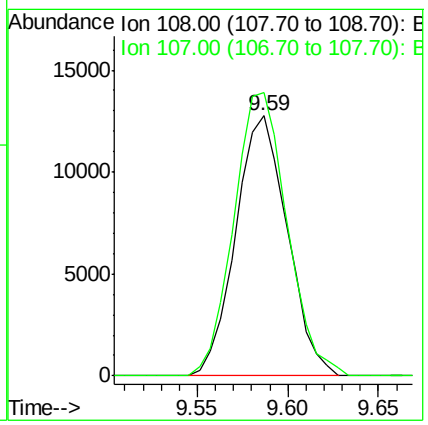
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

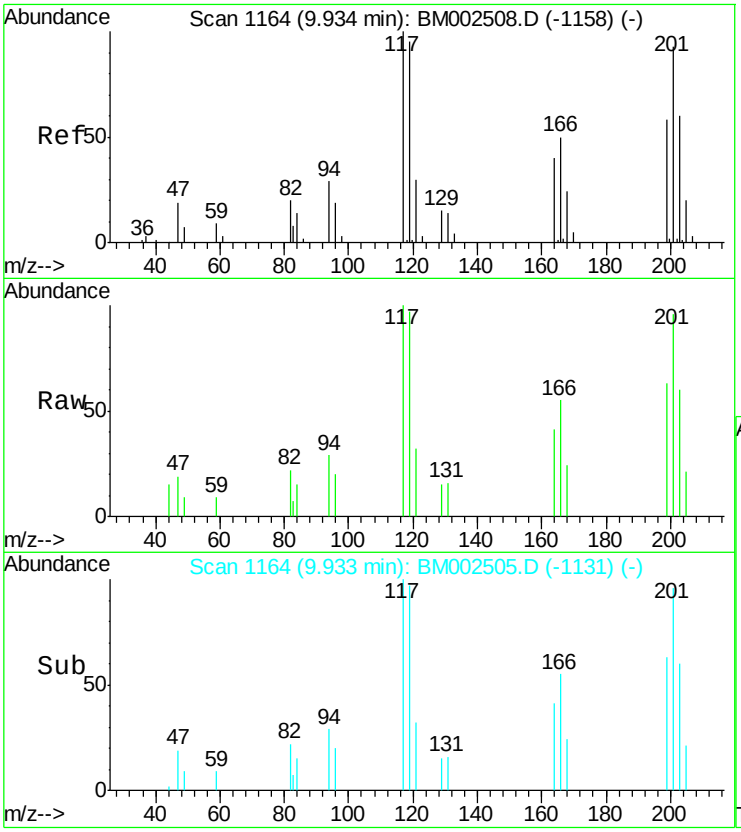


#16
4-Methylphenol
Concen: 2.83 ng/ul
RT: 9.59 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:108 Resp: 25290

Ion	Ratio	Lower	Upper
108	100		
107	108.8	90.9	136.3

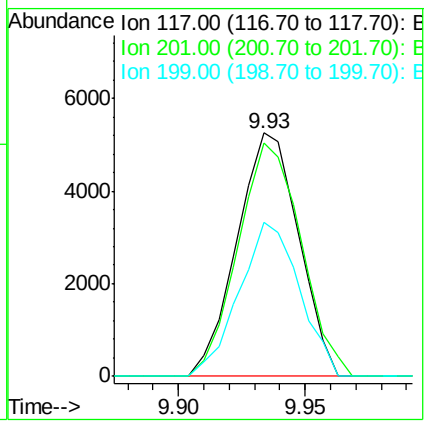




#17
Hexachloroethane
Concen: 2.65 ng/ul
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

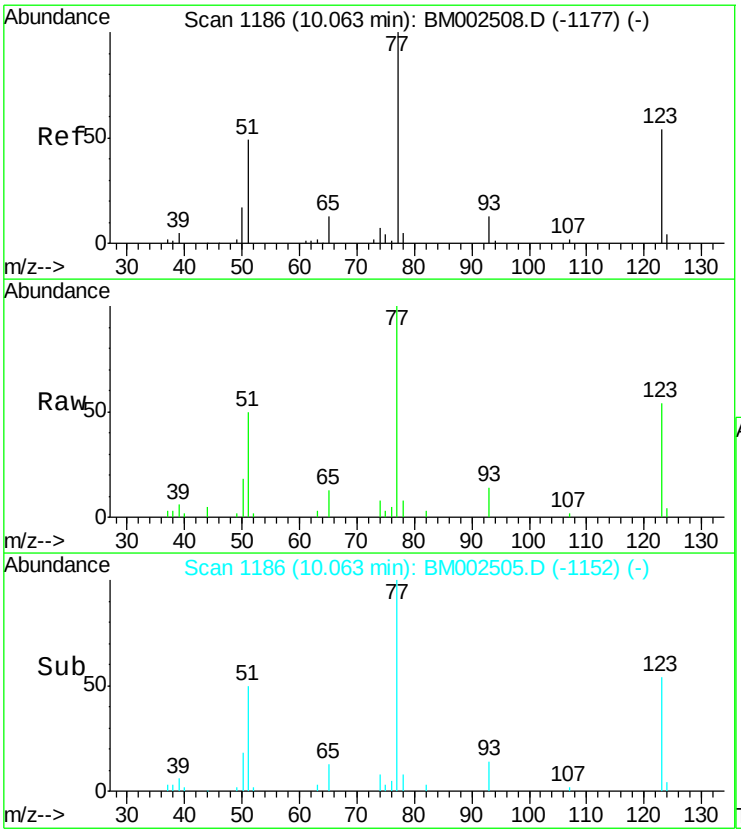
Tgt Ion:117 Resp: 8857

Ion	Ratio	Lower	Upper
117	100		
201	95.9	71.5	107.3
199	63.5	44.9	67.3



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

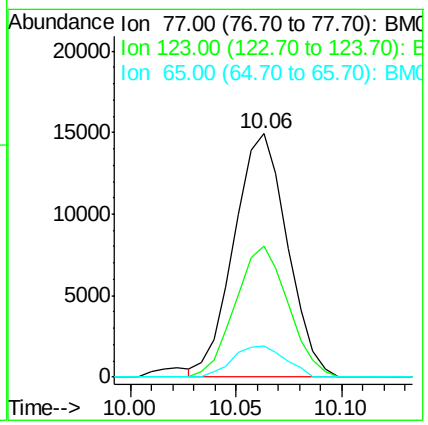
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

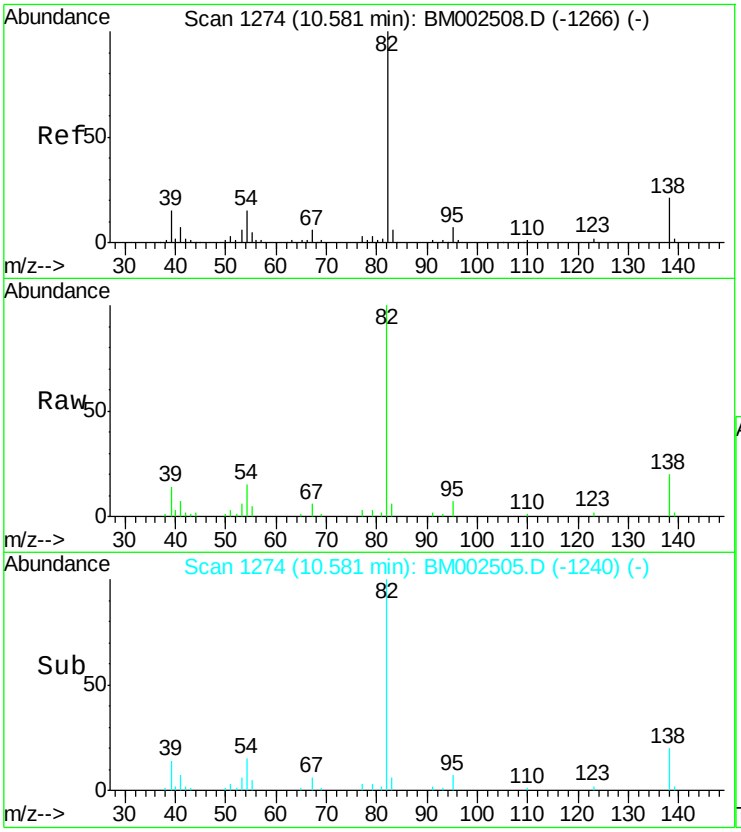


#20
Nitrobenzene
Concen: 2.74 ng/ul
RT: 10.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion: 77 Resp: 26192

Ion	Ratio	Lower	Upper
77	100		
123	53.7	37.0	55.6
65	13.1	11.0	16.6

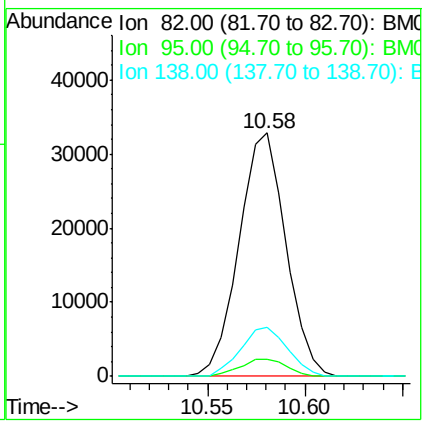




#21
Isophorone
Concen: 2.87 ng/ul
RT: 10.58 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

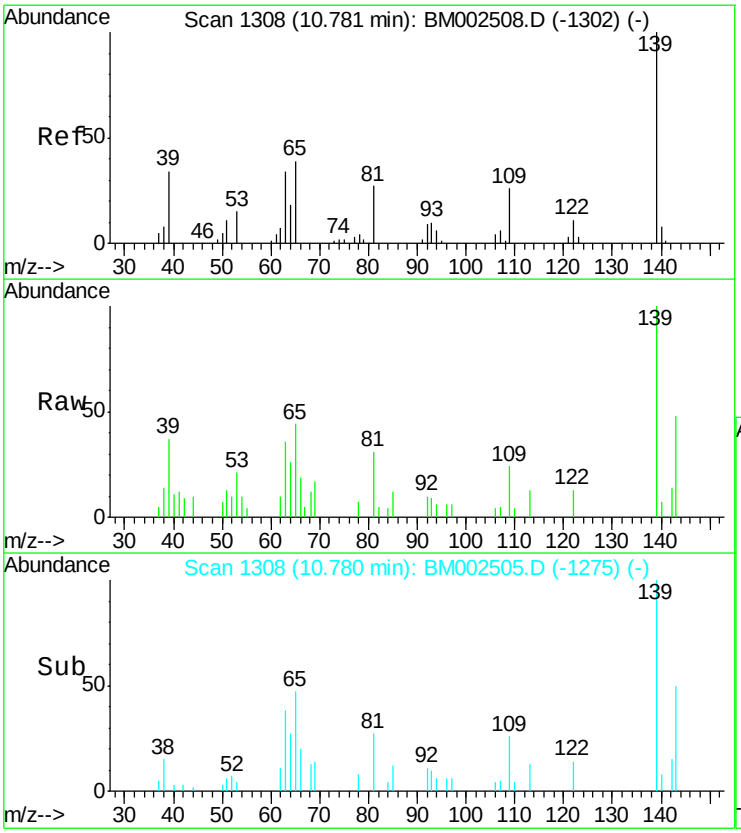
Tgt Ion: 82 Resp: 54719

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.9	8.9
138	20.1	15.0	22.4



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

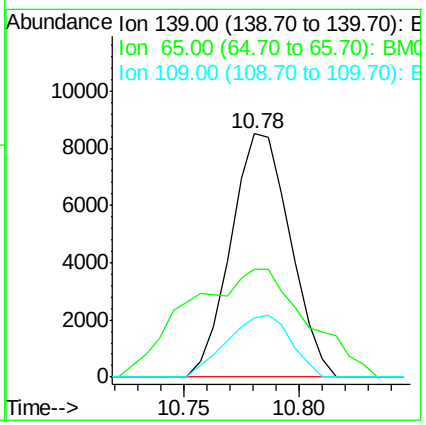
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

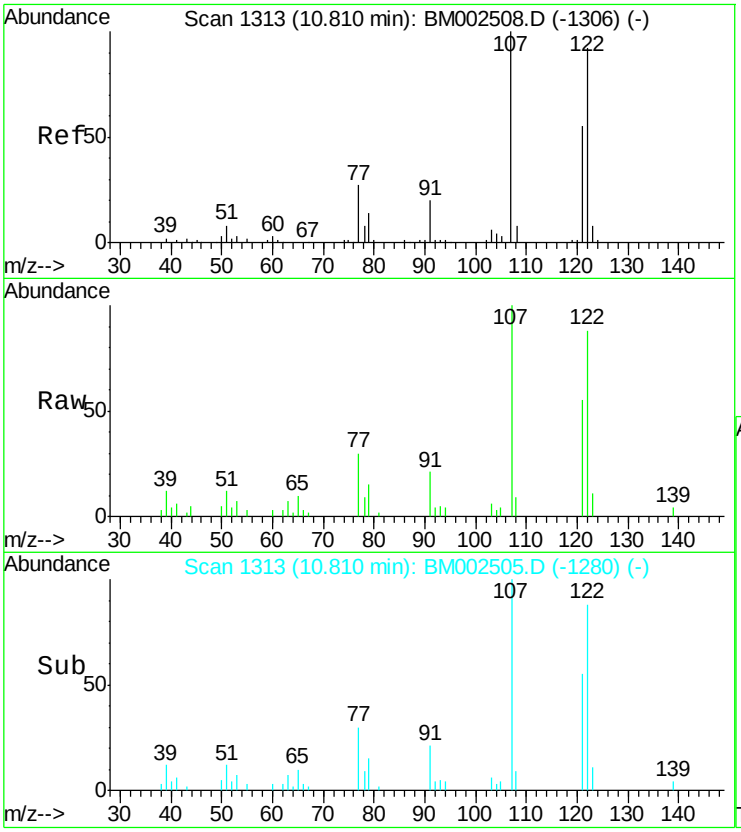


#23
2-Nitrophenol
Concen: 3.67 ng/ul
RT: 10.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:139 Resp: 15210

Ion	Ratio	Lower	Upper
139	100		
65	44.5	43.0	64.6
109	24.3	23.8	35.8

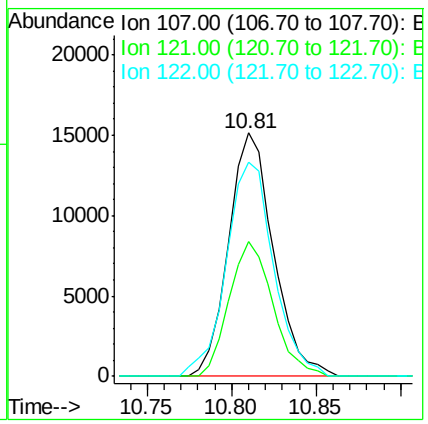




#24
2,4-Dimethylphenol
Concen: 2.76 ng/ul
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

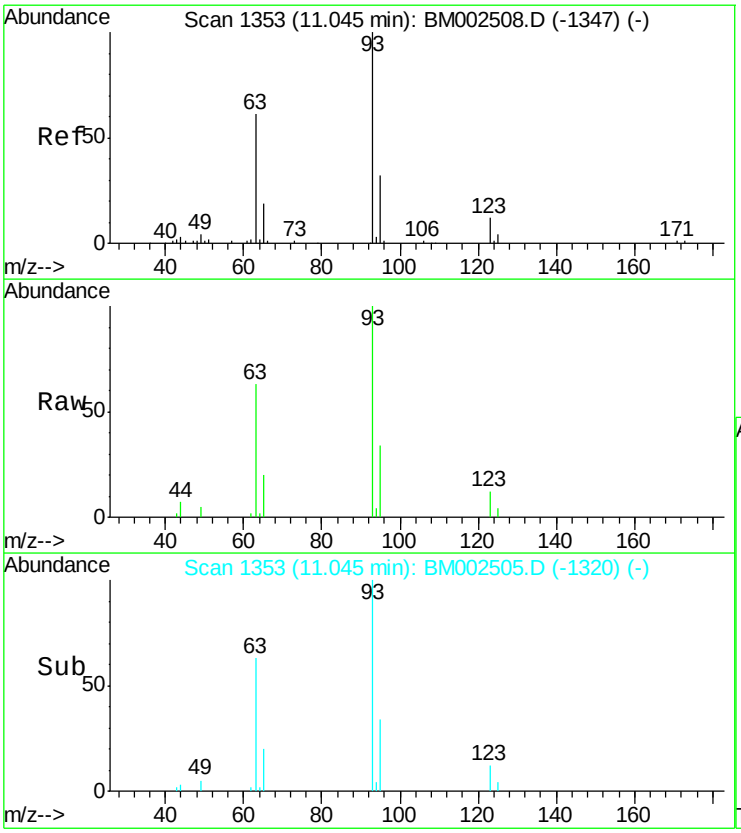
Tgt Ion:107 Resp: 28052

Ion	Ratio	Lower	Upper
107	100		
121	55.4	41.8	62.6
122	87.8	71.2	106.8



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

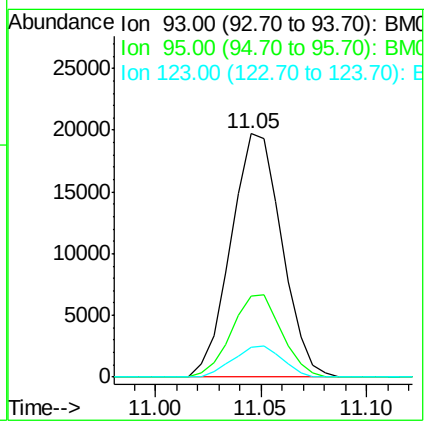
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

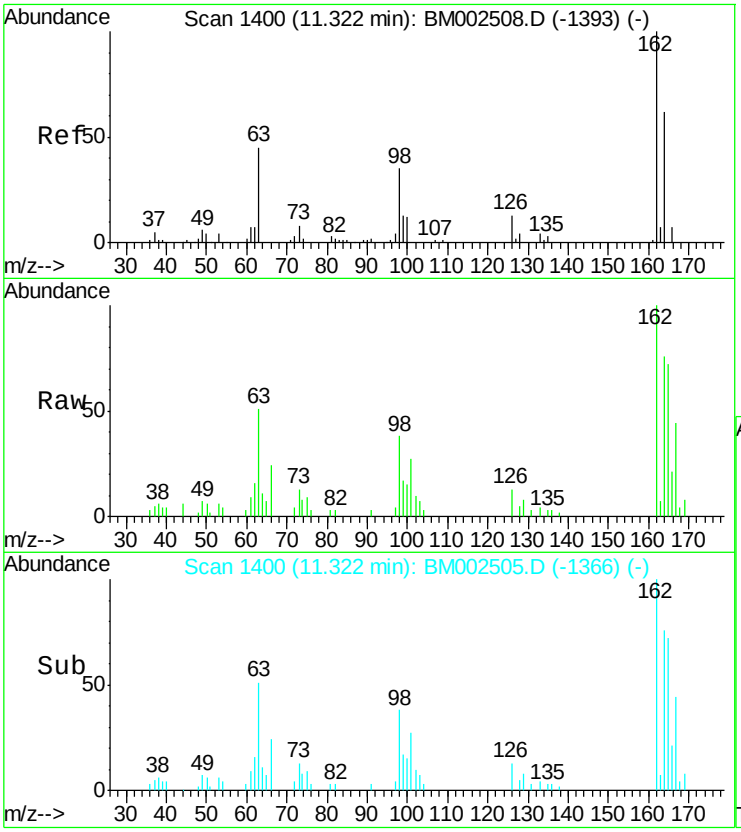


#25
Bis(2-Chloroethoxy)methane
Concen: 2.80 ng/ul
RT: 11.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion: 93 Resp: 32956

Ion	Ratio	Lower	Upper
93	100		
95	33.6	25.8	38.8
123	12.0	9.3	13.9

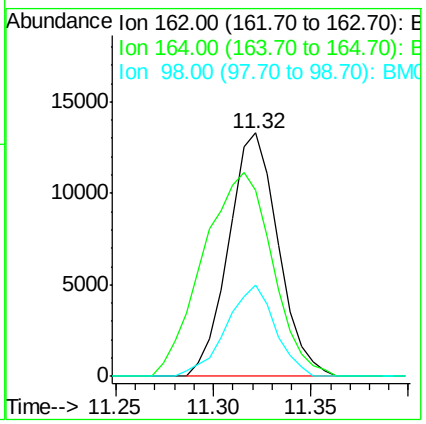




#27
2,4-Dichlorophenol
Concen: 3.06 ng/ul
RT: 11.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

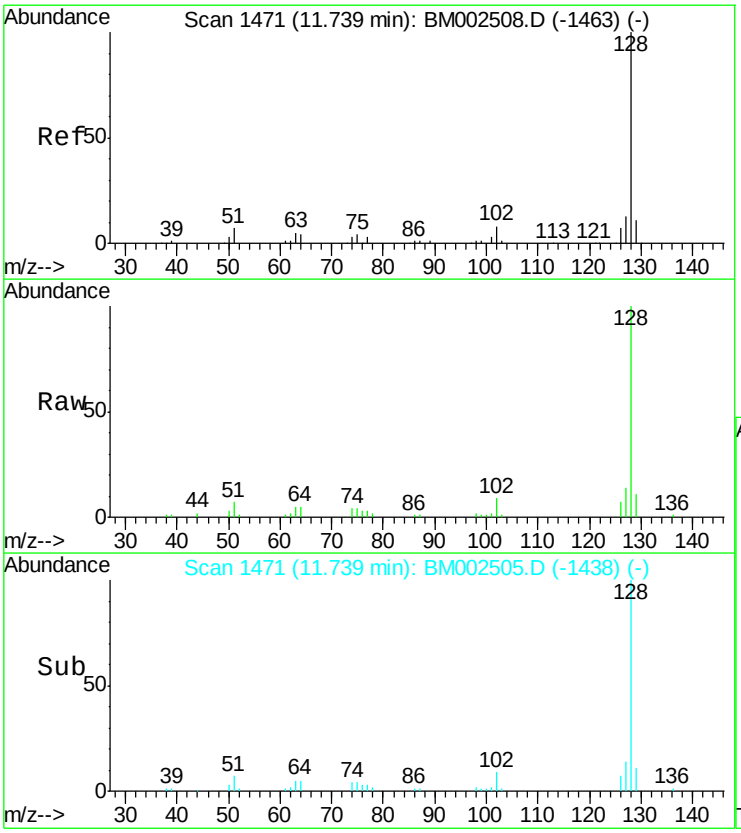
Tgt Ion:162 Resp: 23471

Ion	Ratio	Lower	Upper
162	100		
164	76.3	52.9	79.3
98	37.6	31.4	47.0



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

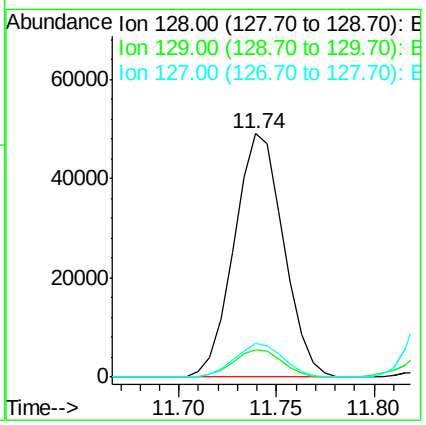
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

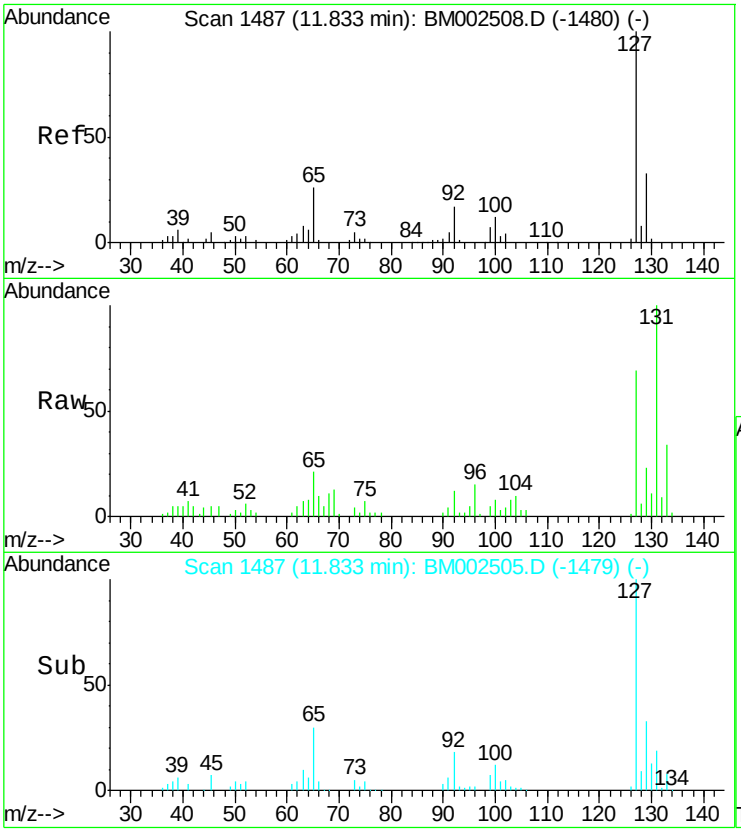


#28
Naphthalene
Concen: 2.97 ng/ul
RT: 11.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:128 Resp: 85824

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	13.7	10.4	15.6





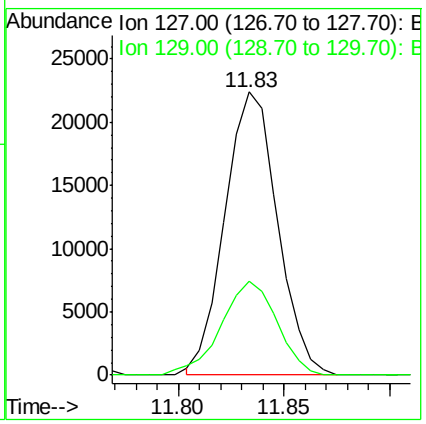
#30
4-Chloroaniline
Concen: 3.67 ng/ul
RT: 11.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

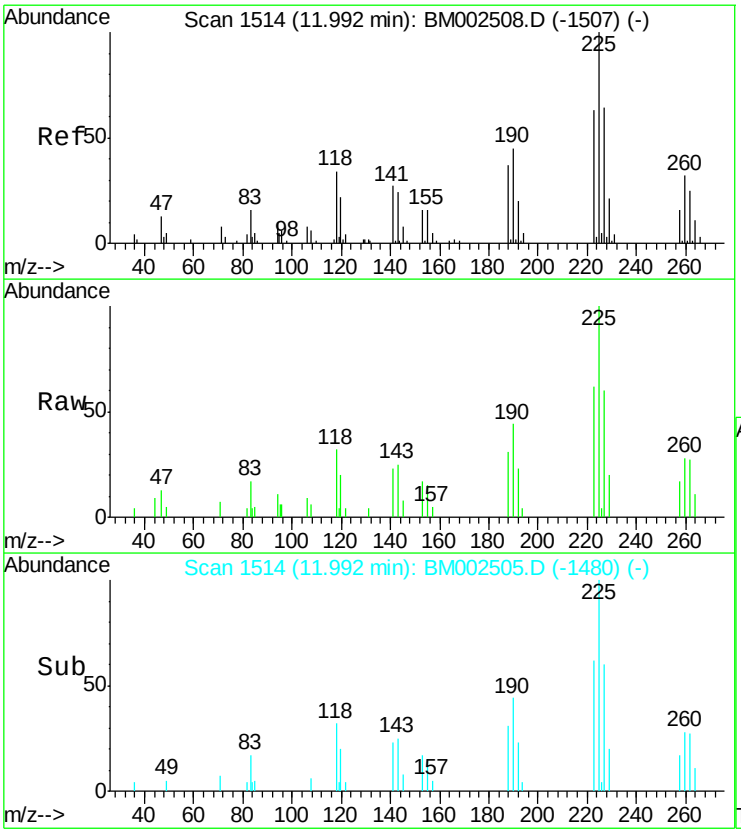
Tgt Ion:127 Resp: 38607

Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.6	39.8

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

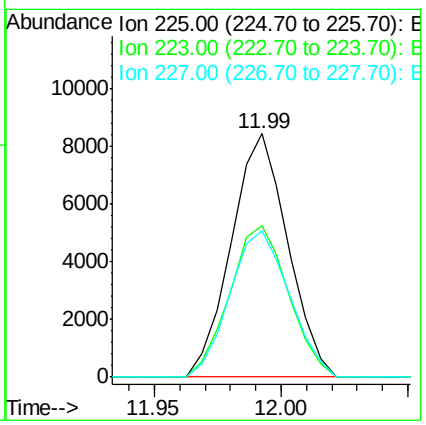


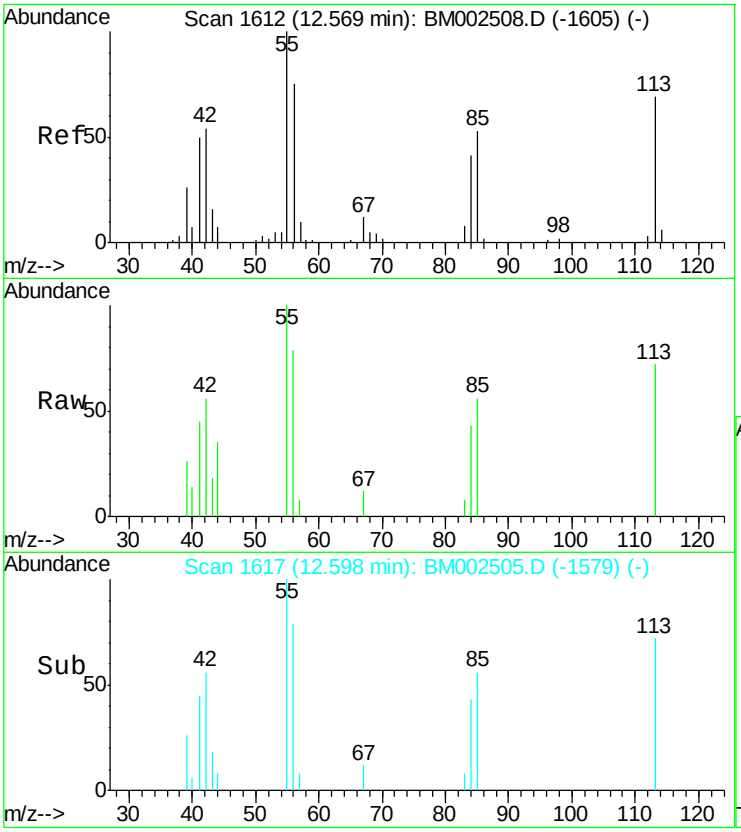


#31
Hexachlorobutadiene
Concen: 2.94 ng/ul
RT: 11.99 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:225 Resp: 13059

Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.4
227	60.3	52.1	78.1





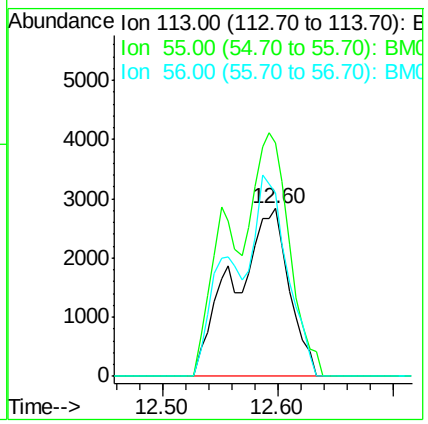
#32
Caprolactam
Concen: 2.97 ng/ul m
RT: 12.60 min Scan# 1617
Delta R.T. 0.02 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

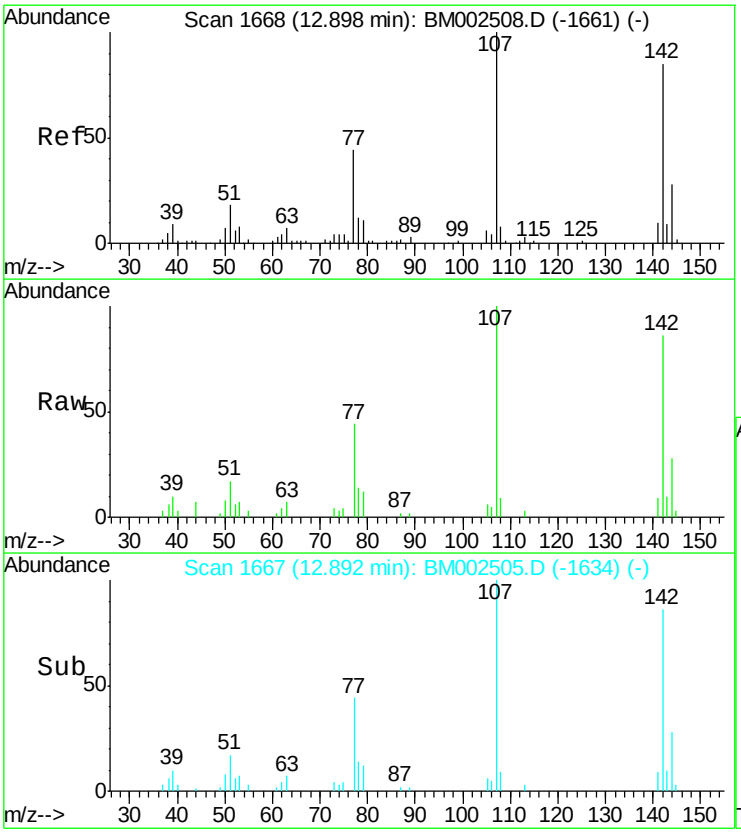
Tgt Ion:113 Resp: 9407

Ion	Ratio	Lower	Upper
113	100		
55	138.9	152.5	228.7#
56	109.2	111.4	167.0#

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

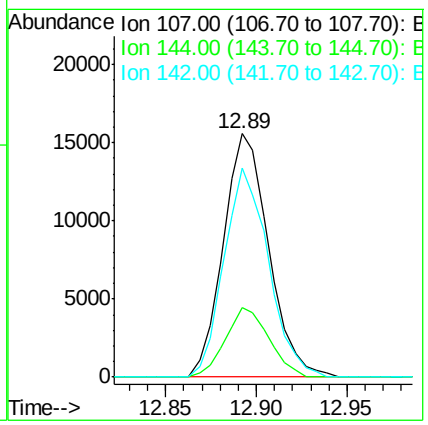


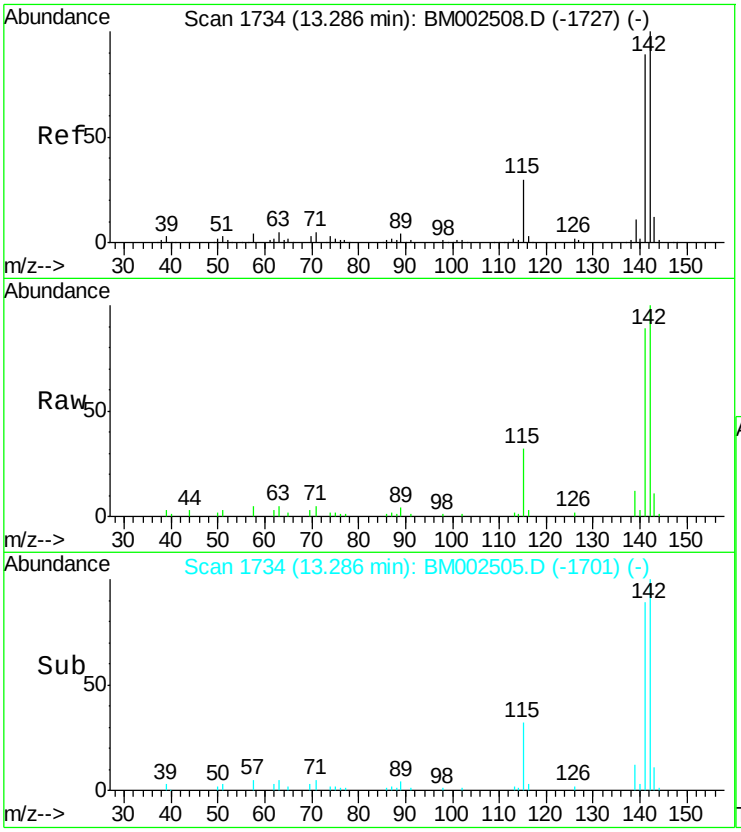


#33
4-Chloro-3-methylphenol
Concen: 2.82 ng/ul
RT: 12.89 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:107 Resp: 27136

Ion	Ratio	Lower	Upper
107	100		
144	28.3	20.3	30.5
142	85.7	63.1	94.7





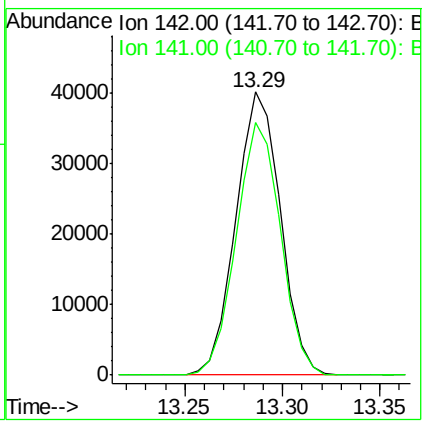
#34
2-Methylnaphthalene
Concen: 3.08 ng/ul
RT: 13.29 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

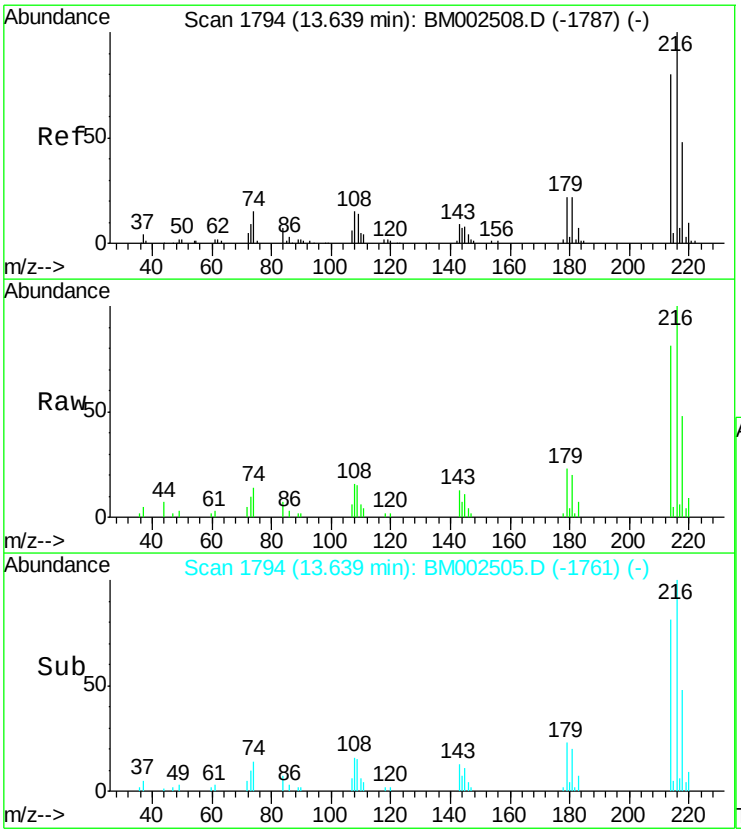
Tgt Ion:142 Resp: 63522

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.5	108.7

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

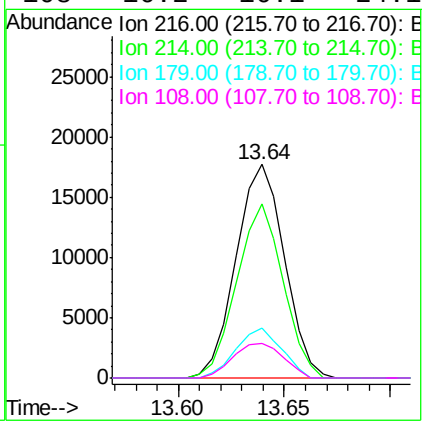


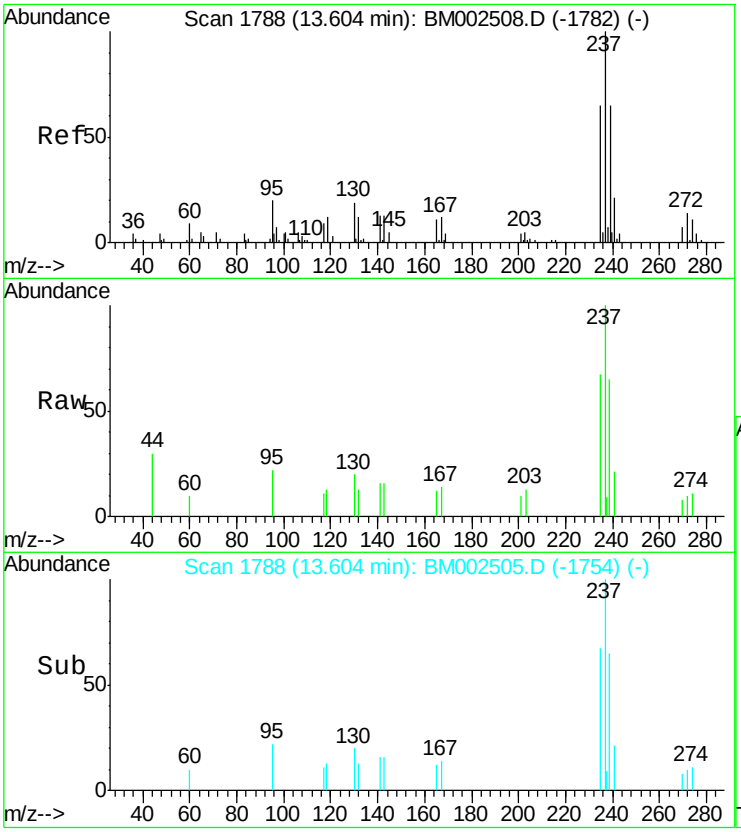


#37
1,2,4,5-Tetrachlorobenzene
Concen: 3.13 ng/ul
RT: 13.64 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:216 Resp: 28152

Ion	Ratio	Lower	Upper
216	100		
214	81.5	63.1	94.7
179	23.3	18.9	28.3
108	16.2	16.1	24.1





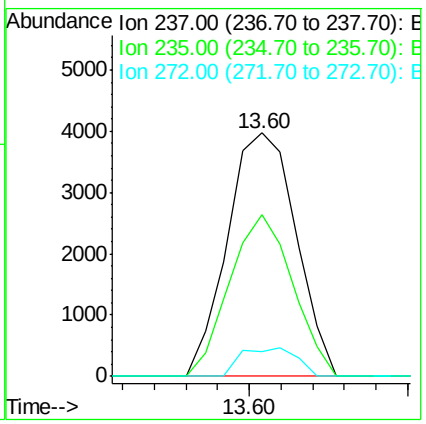
#38
Hexachlorocyclopentadiene
Concen: 1.11 ng/ul
RT: 13.60 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

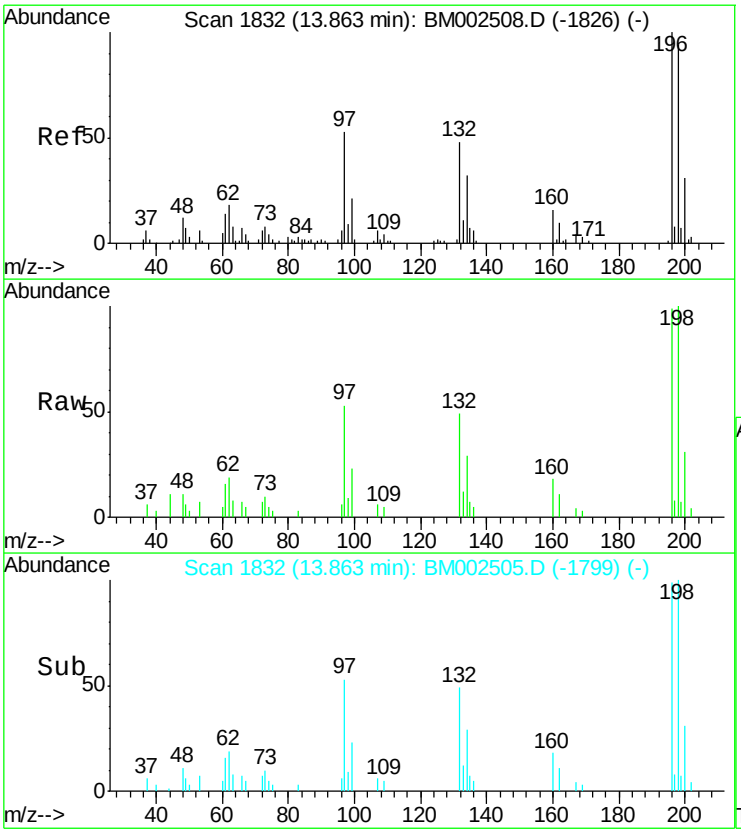
Tgt Ion:237 Resp: 5934

Ion	Ratio	Lower	Upper
237	100		
235	61.3	51.0	76.6
272	9.3	10.8	16.2#

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

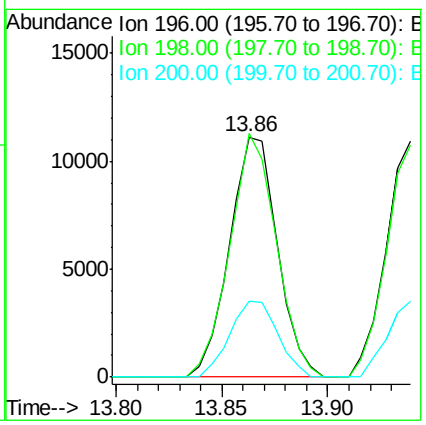


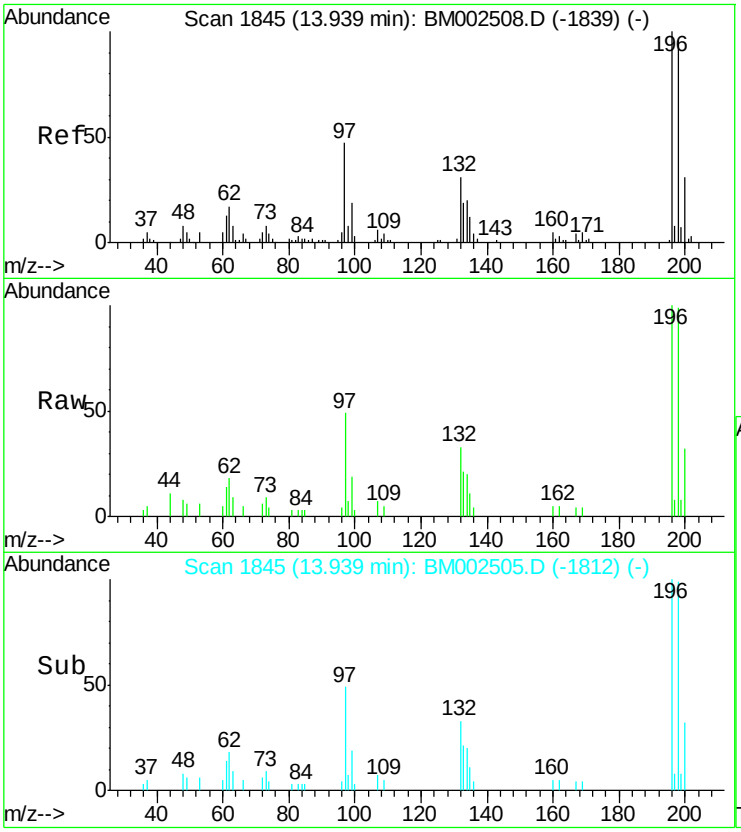


#39
2,4,6-Trichlorophenol
Concen: 3.12 ng/ul
RT: 13.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:196 Resp: 17512

Ion	Ratio	Lower	Upper
196	100		
198	101.4	77.1	115.7
200	31.4	24.8	37.2

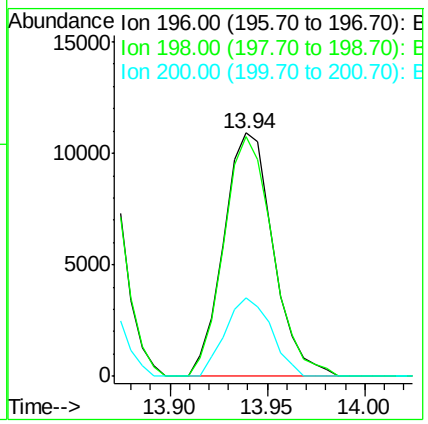




#40
2,4,5-Trichlorophenol
Concen: 3.06 ng/ul
RT: 13.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

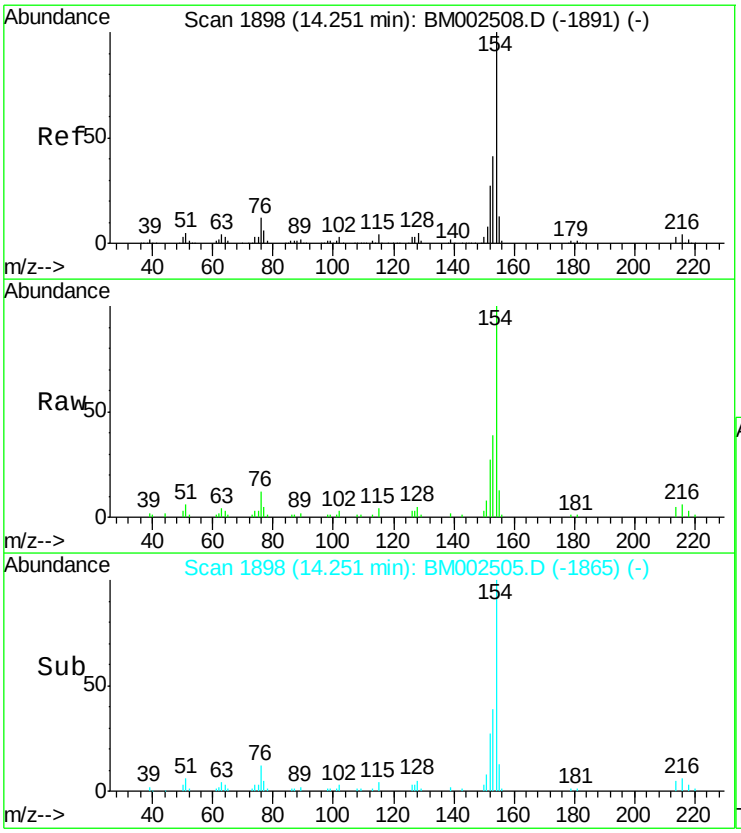
Tgt Ion:196 Resp: 19235

Ion	Ratio	Lower	Upper
196	100		
198	98.7	78.6	117.8
200	32.3	25.0	37.4



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

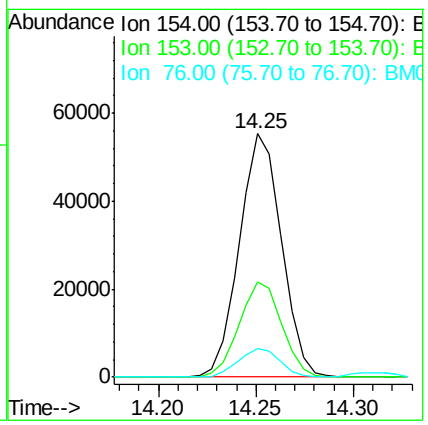
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

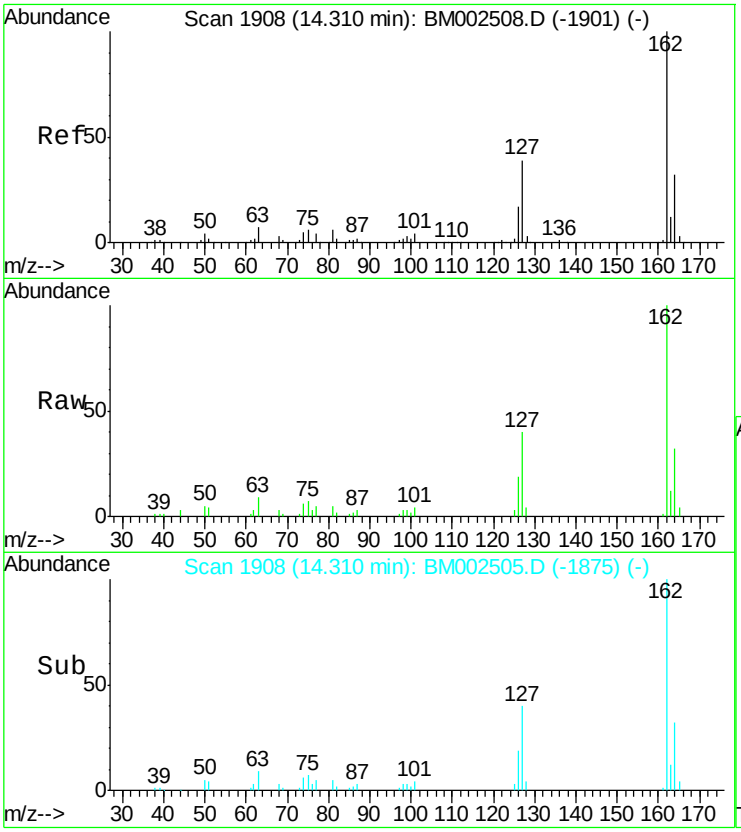


#41
1,1'-Biphenyl
Concen: 3.12 ng/ul
RT: 14.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:154 Resp: 82657

Ion	Ratio	Lower	Upper
154	100		
153	39.1	32.1	48.1
76	11.9	11.0	16.4

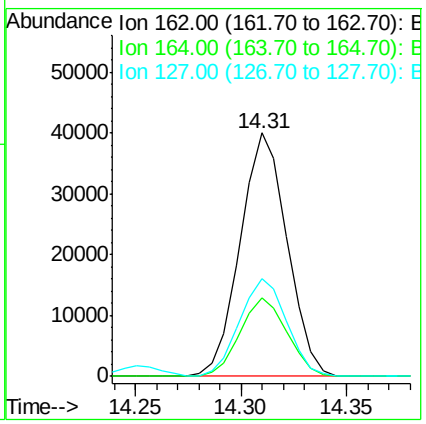




#42
2-Chloronaphthalene
Concen: 3.07 ng/ul
RT: 14.31 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

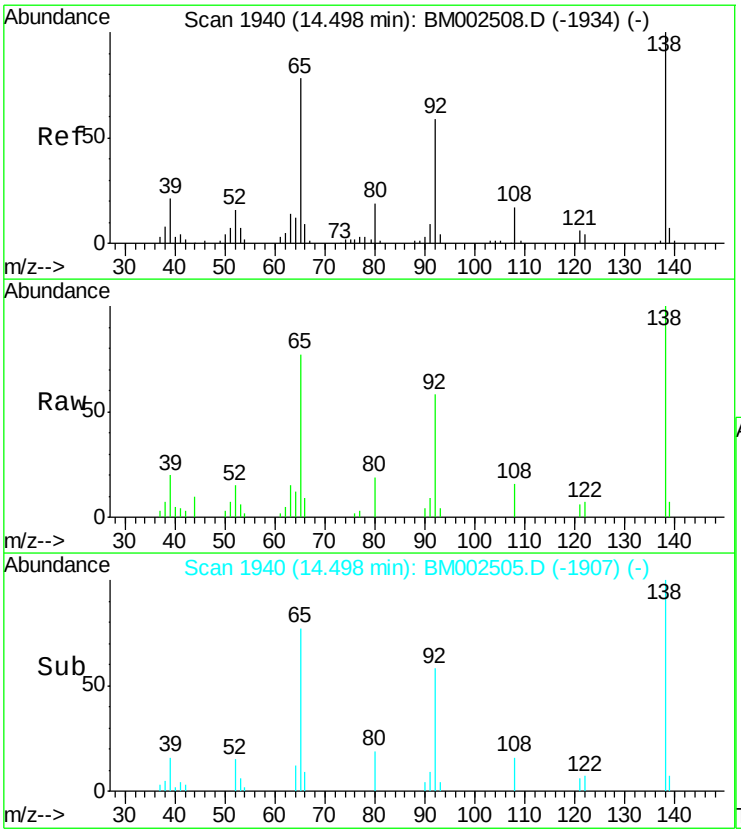
Tgt Ion:162 Resp: 61816

Ion	Ratio	Lower	Upper
162	100		
164	32.5	26.7	40.1
127	40.3	33.6	50.4



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

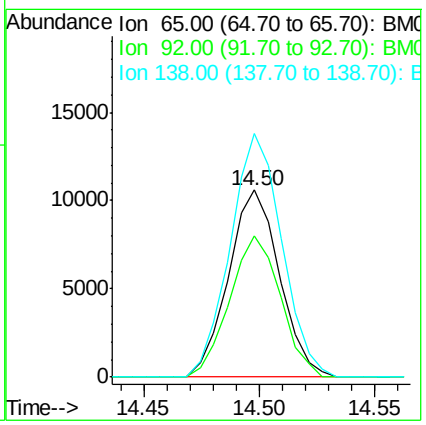
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

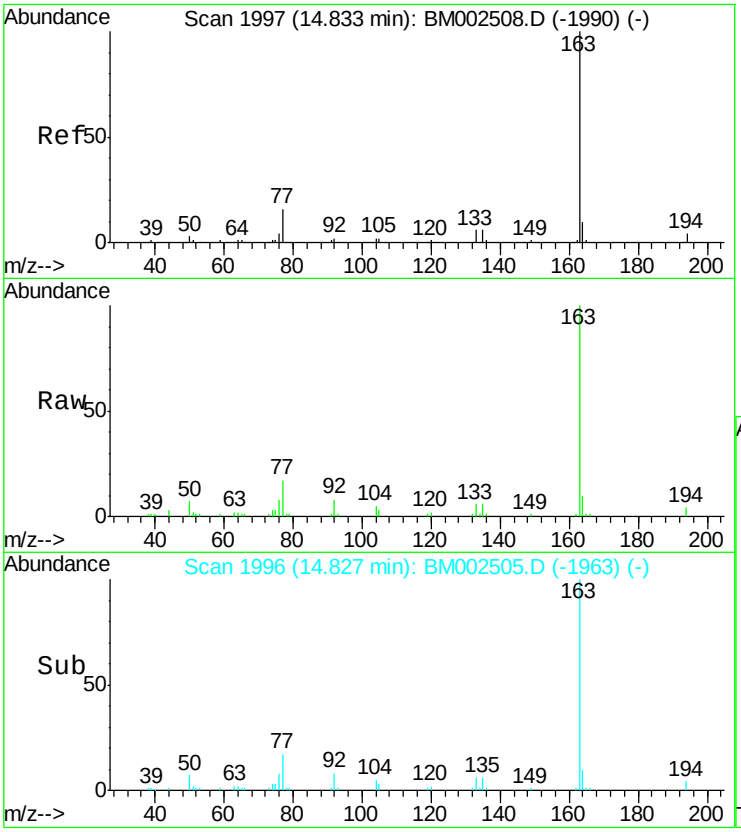


#43
2-Nitroaniline
Concen: 2.67 ng/ul
RT: 14.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion: 65 Resp: 16316

Ion	Ratio	Lower	Upper
65	100		
92	75.5	54.0	81.0
138	130.2	83.1	124.7#

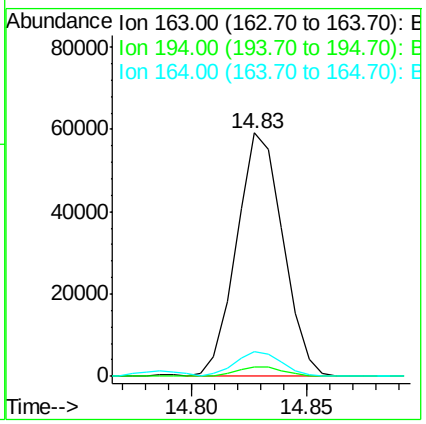




#45
Dimethylphthalate
Concen: 3.16 ng/ul
RT: 14.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

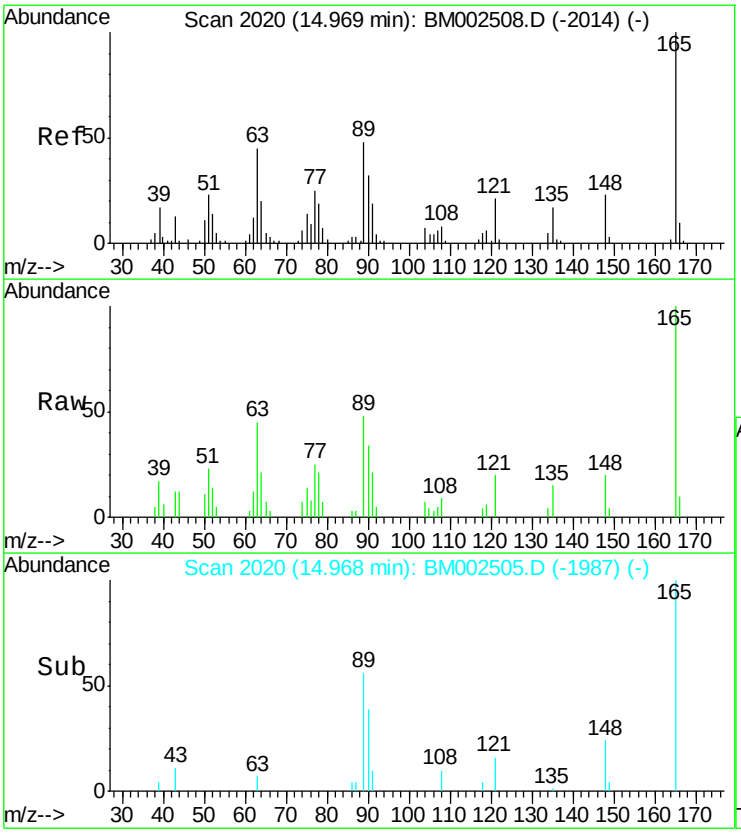
Tgt Ion:163 Resp: 83151

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.3	7.9	11.9



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

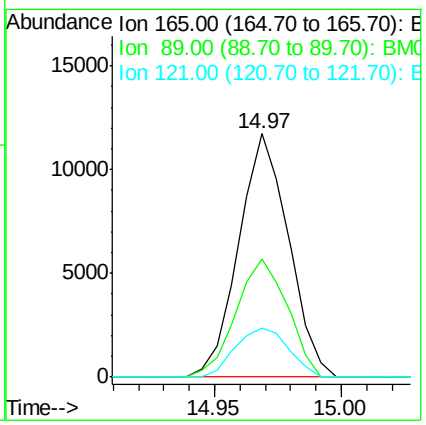
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

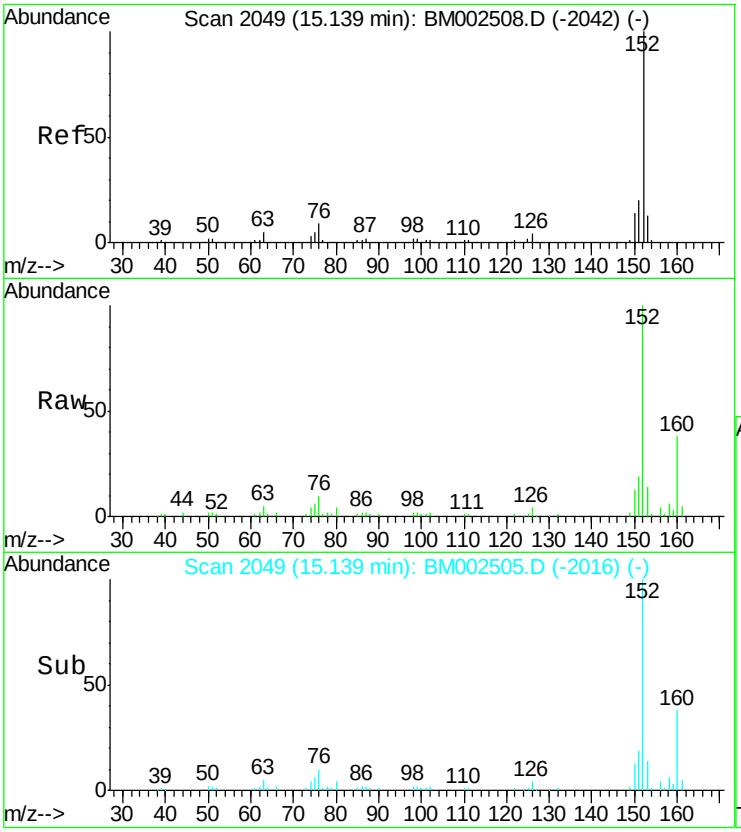


#46
2,6-Dinitrotoluene
Concen: 3.27 ng/ul
RT: 14.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:165 Resp: 16103

Ion	Ratio	Lower	Upper
165	100		
89	48.4	46.6	69.8
121	20.3	19.0	28.4

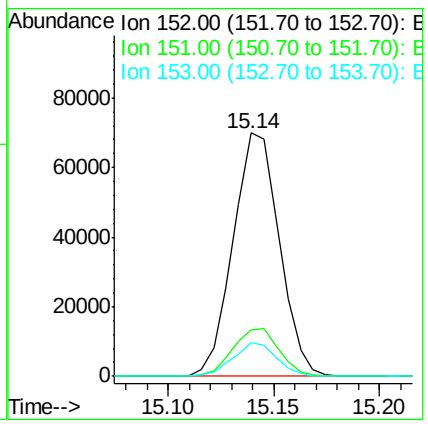




#48
Acenaphthylene
Concen: 3.16 ng/ul
RT: 15.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

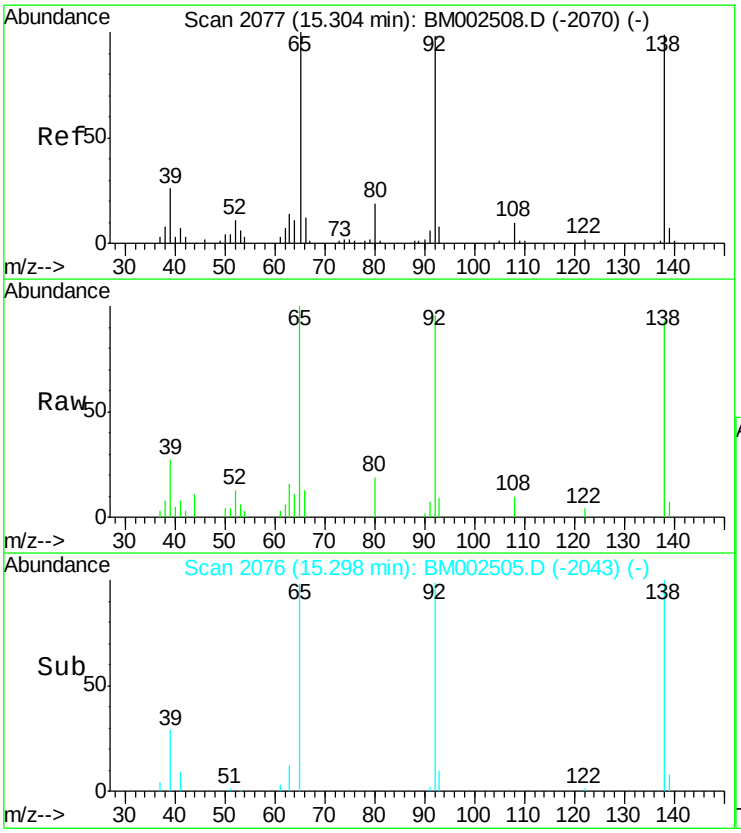
Tgt Ion:152 Resp: 106409

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.9	23.9
153	13.6	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

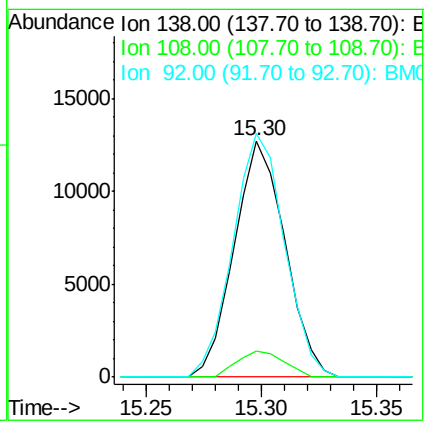
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

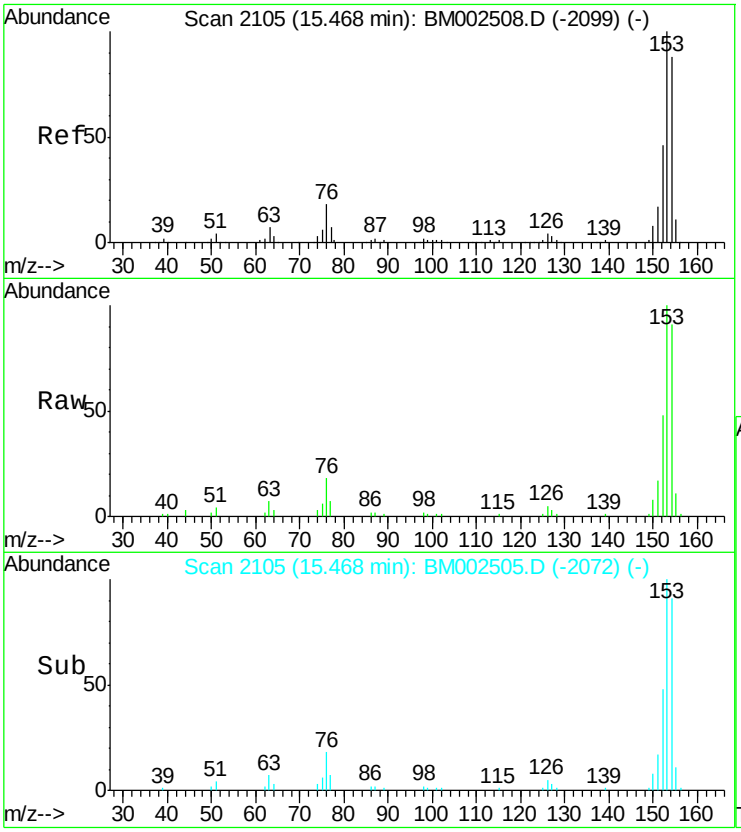


#49
3-Nitroaniline
Concen: 3.64 ng/ul
RT: 15.30 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:138 Resp: 19435

Ion	Ratio	Lower	Upper
138	100		
108	10.9	11.7	17.5#
92	103.2	94.3	141.5

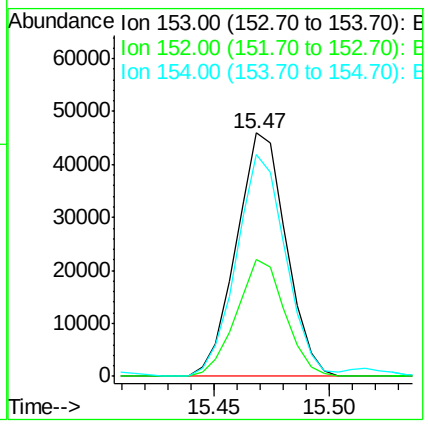




#50
Acenaphthene
Concen: 3.05 ng/ul
RT: 15.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

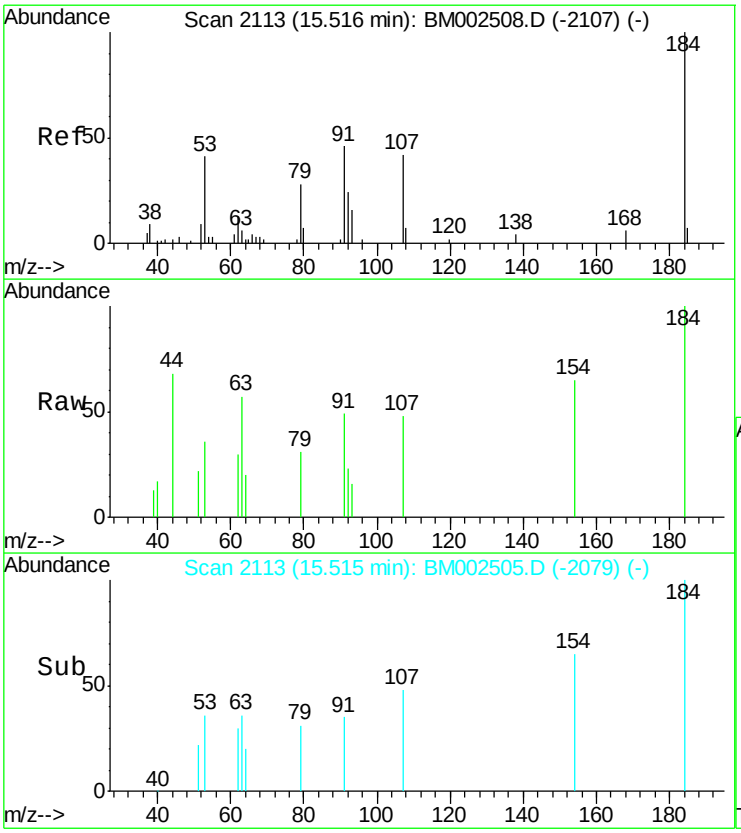
Tgt Ion:153 Resp: 69298

Ion	Ratio	Lower	Upper
153	100		
152	48.2	36.6	55.0
154	91.3	71.5	107.3



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

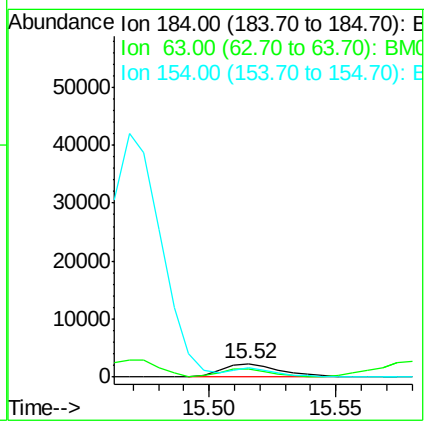
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

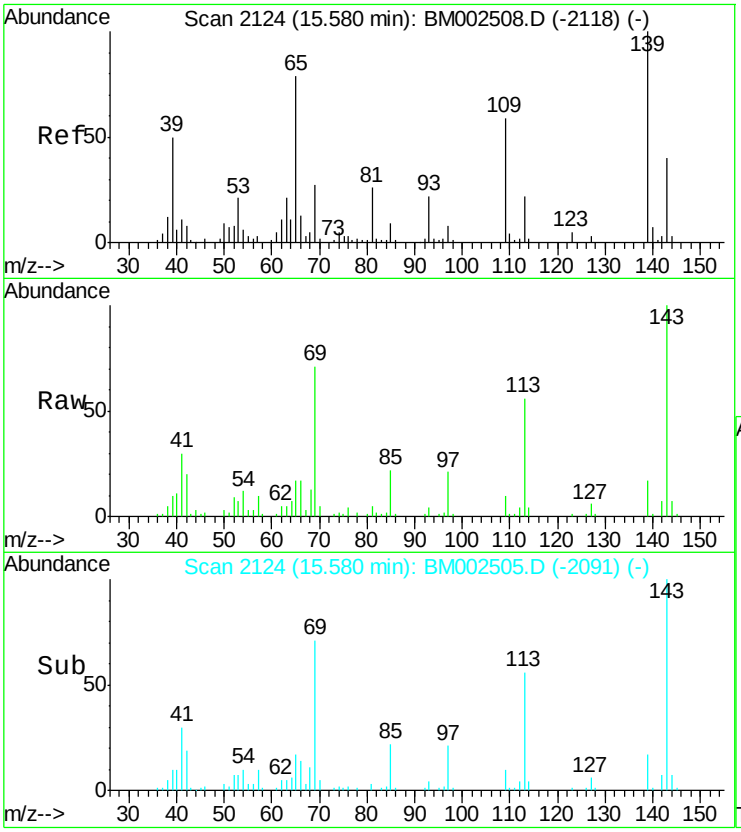


#51
2,4-Dinitrophenol
Concen: 2.09 ng/ul
RT: 15.52 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:184 Resp: 3555

Ion	Ratio	Lower	Upper
184	100		
63	57.0	94.8	142.2#
154	65.3	525.6	788.4#

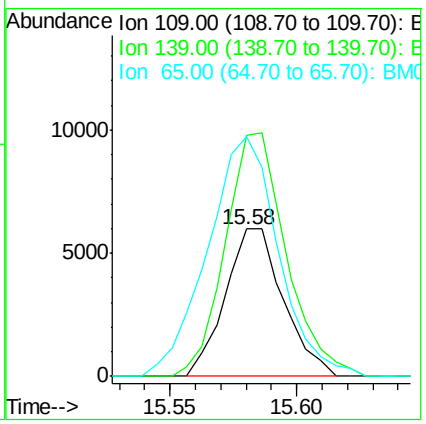




#53
4-Nitrophenol
Concen: 2.80 ng/ul
RT: 15.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

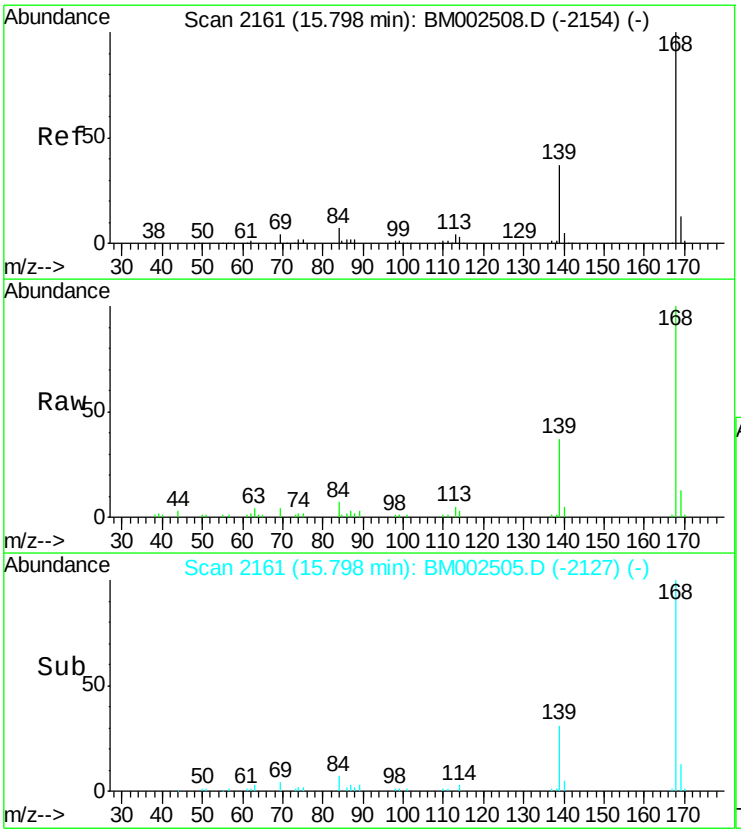
Tgt Ion:109 Resp: 9570

Ion	Ratio	Lower	Upper
109	100		
139	163.5	118.7	178.1
65	162.4	116.6	174.8



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

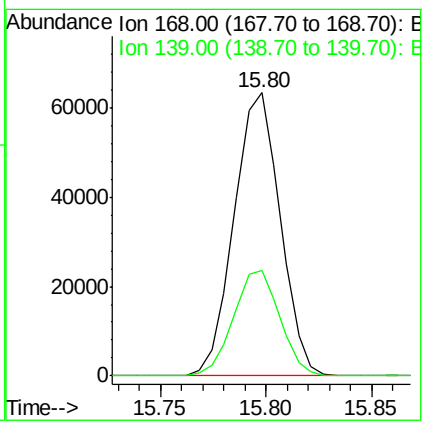
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

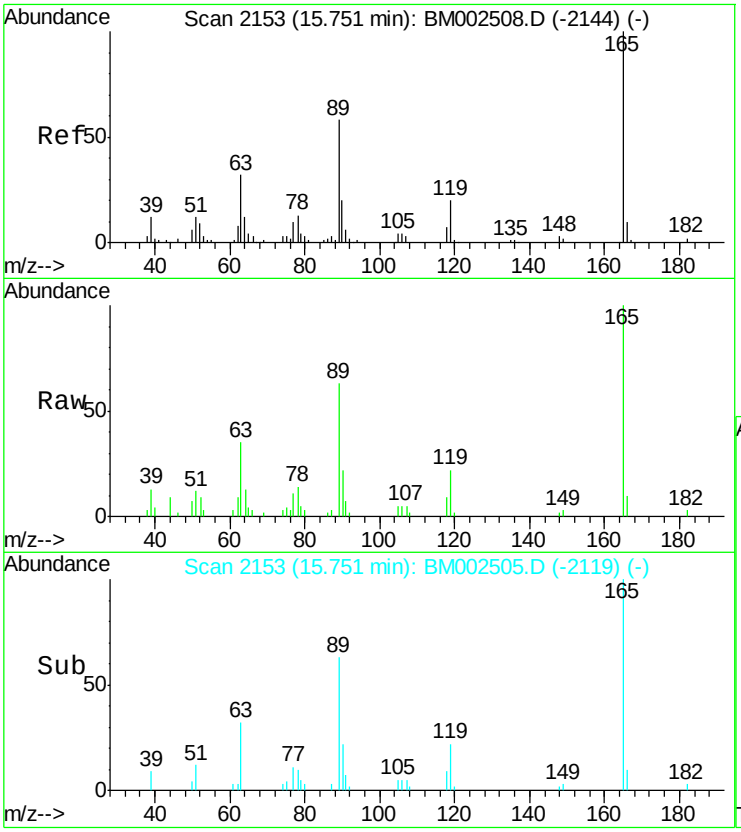


#54
Dibenzofuran
Concen: 3.17 ng/ul
RT: 15.80 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:168 Resp: 96110

Ion	Ratio	Lower	Upper
168	100		
139	37.1	31.3	46.9





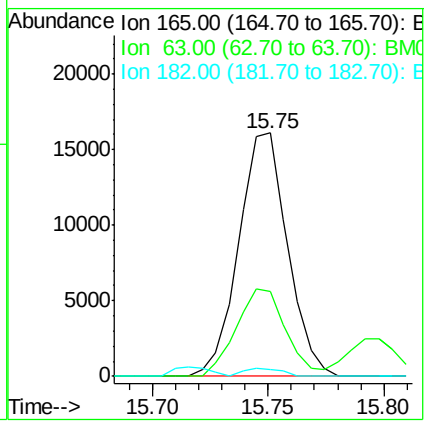
#55
2,4-Dinitrotoluene
Concen: 3.39 ng/ul
RT: 15.75 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

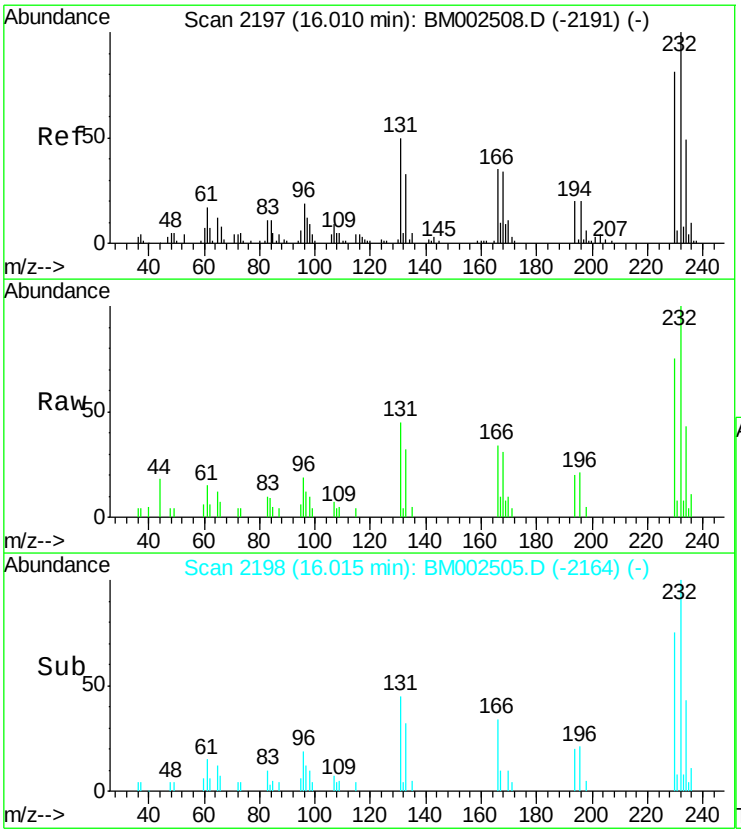
Tgt Ion:165 Resp: 23712

Ion	Ratio	Lower	Upper
165	100		
63	34.6	35.9	53.9#
182	2.9	2.5	3.7

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

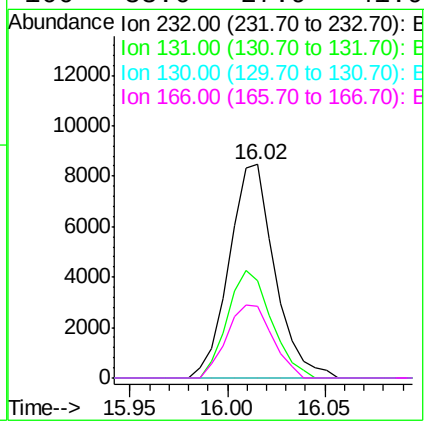


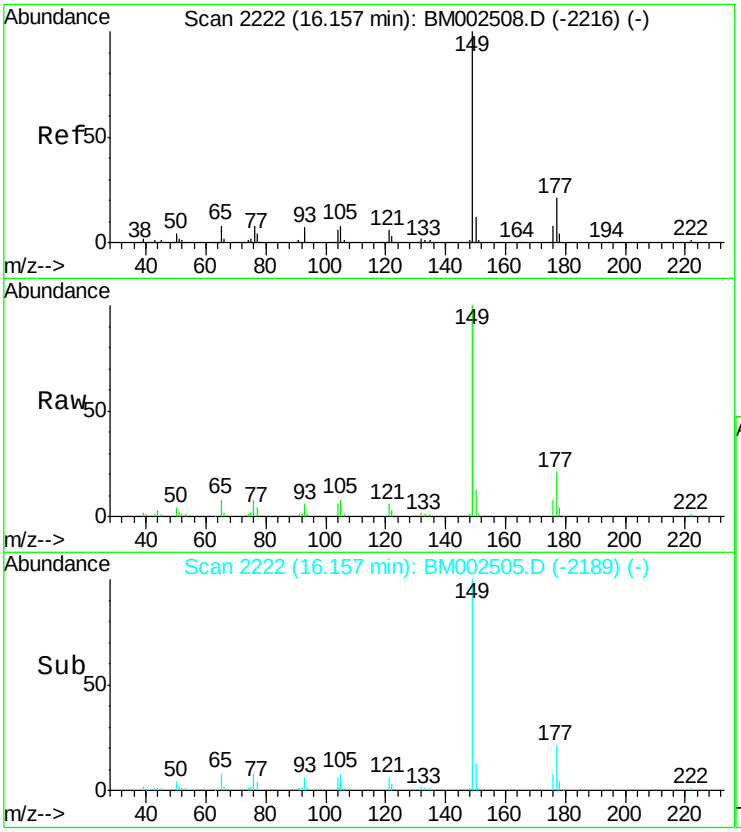


#56
2,3,4,6-Tetrachlorophenol
Concen: 2.87 ng/ul
RT: 16.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:232 Resp: 13738

Ion	Ratio	Lower	Upper
232	100		
131	45.5	42.2	63.4
130	0.0	2.2	3.4#
166	33.6	27.9	41.9

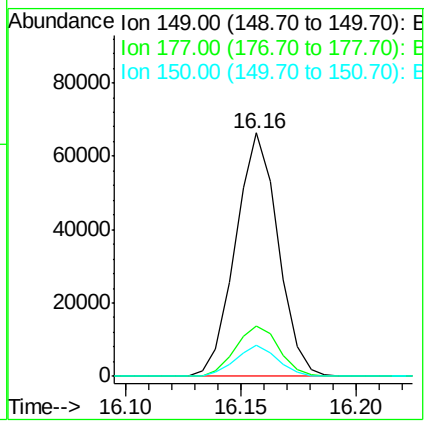




#57
Diethylphthalate
Concen: 3.04 ng/ul
RT: 16.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

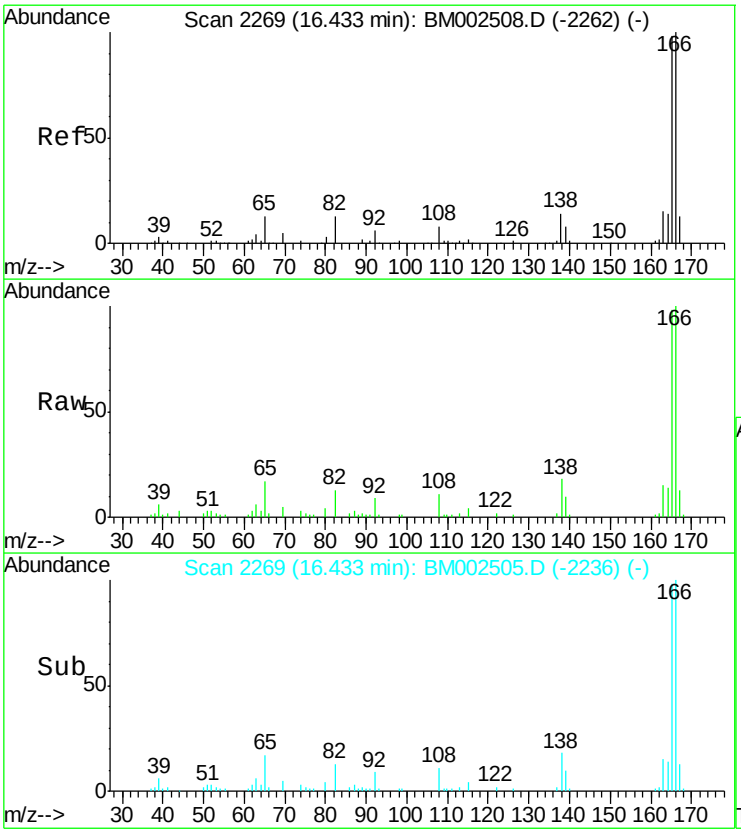
Tgt Ion:149 Resp: 85618

Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.7	25.1
150	12.5	9.9	14.9



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

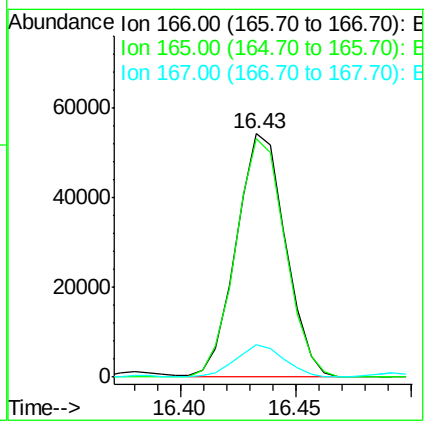
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

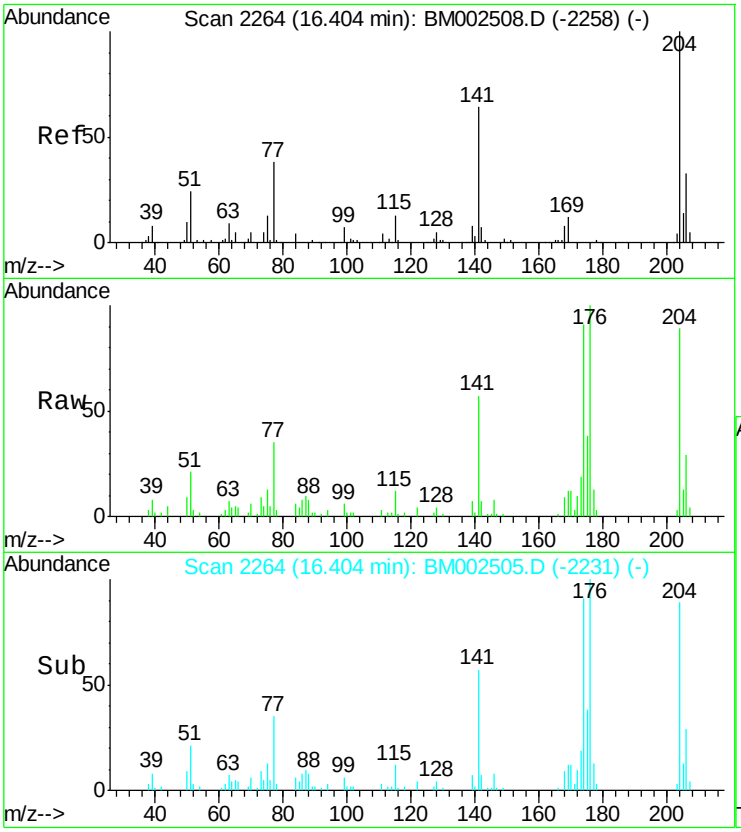


#59
Fluorene
Concen: 3.17 ng/ul
RT: 16.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:166 Resp: 80887

Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.5	116.3
167	13.2	10.4	15.6

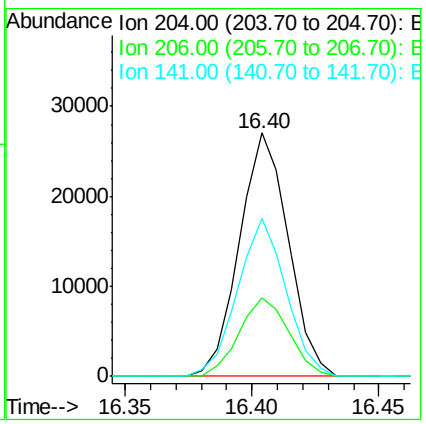




#60
4-Chlorophenyl-phenylether
Concen: 3.11 ng/ul
RT: 16.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

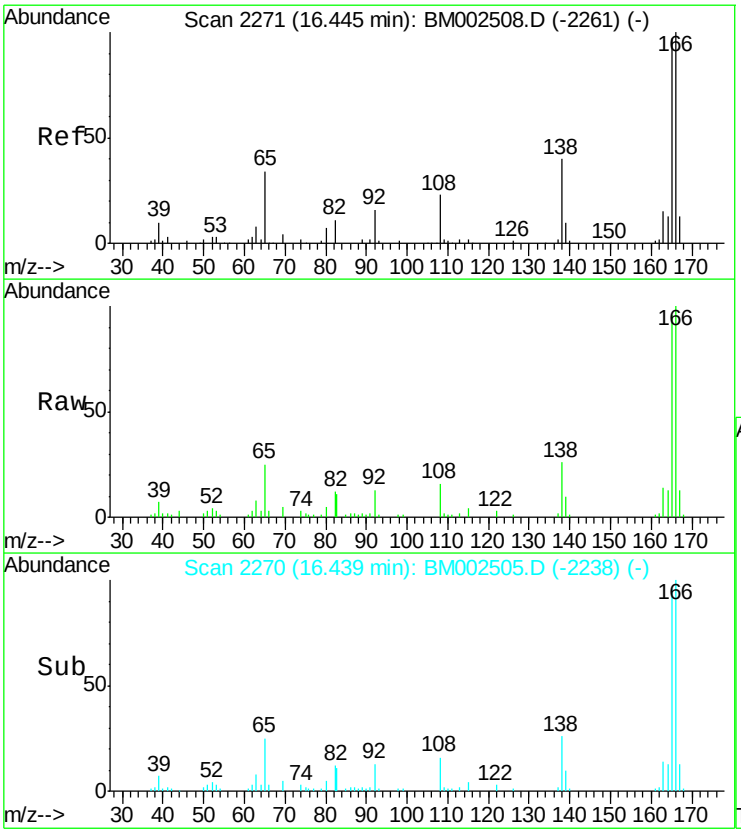
Tgt Ion:204 Resp: 36371

Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.0	39.0
141	64.6	53.7	80.5



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

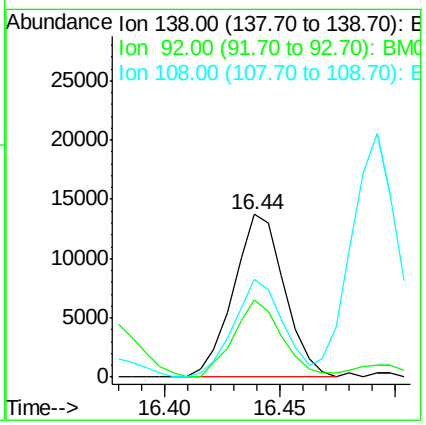
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

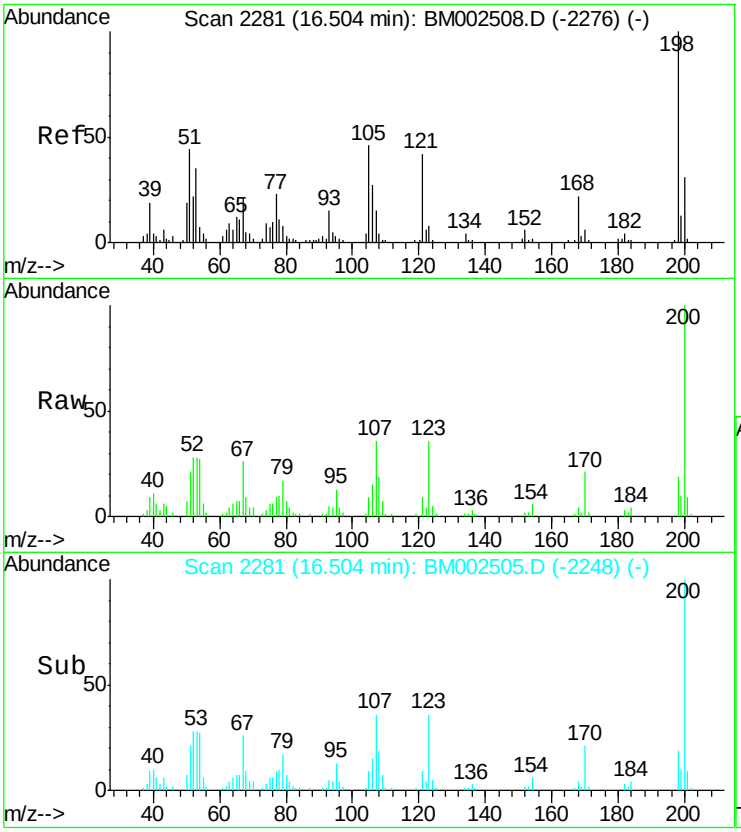


#61
4-Nitroaniline
Concen: 3.42 ng/ul
RT: 16.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:138 Resp: 21127

Ion	Ratio	Lower	Upper
138	100		
92	47.5	40.4	60.6
108	60.4	56.2	84.2





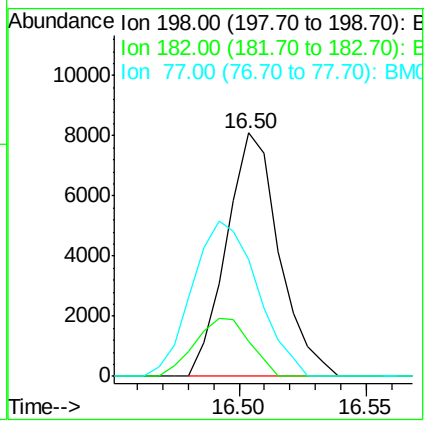
#64
4,6-Dinitro-2-methylphenol
Concen: 3.85 ng/ul
RT: 16.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

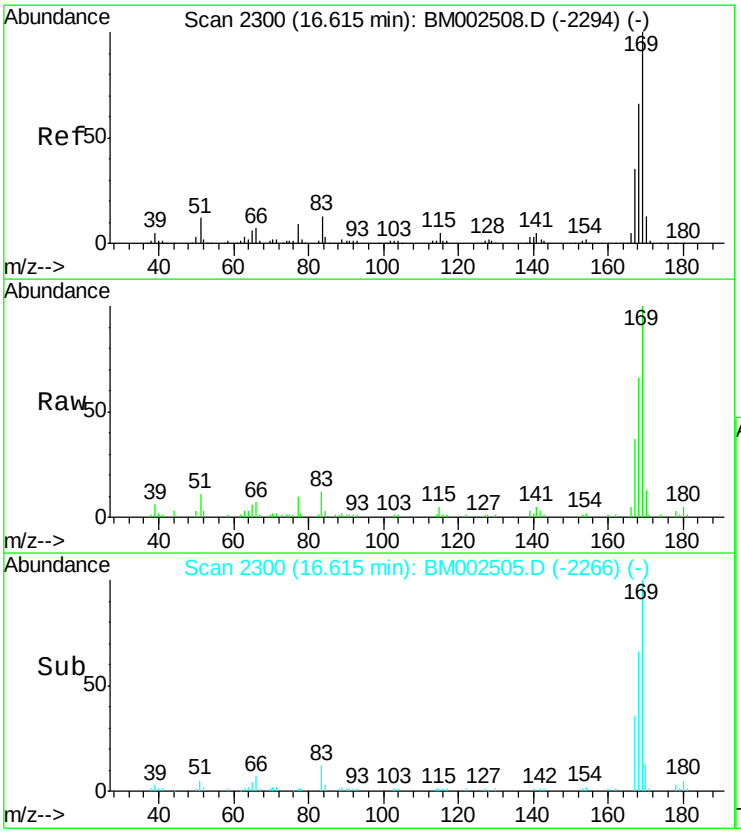
Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

Tgt Ion:198 Resp: 11737

Ion	Ratio	Lower	Upper
198	100		
182	14.1	3.7	5.5#
77	48.2	24.2	36.4#

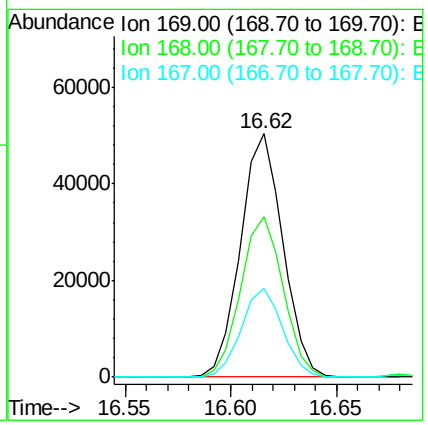


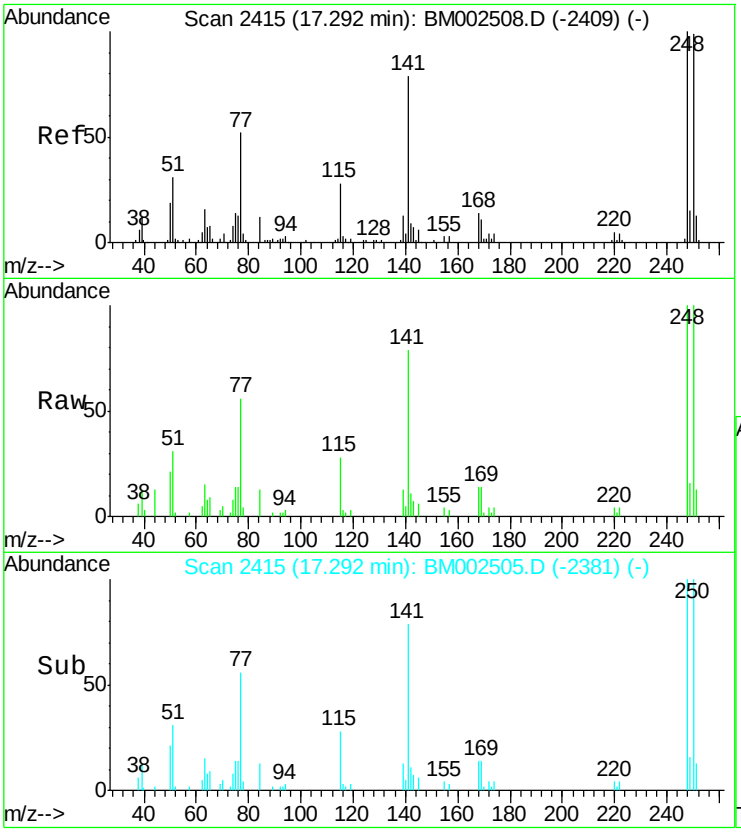


#65
N-Nitrosodiphenylamine
Concen: 3.10 ng/ul
RT: 16.62 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:169 Resp: 70152

Ion	Ratio	Lower	Upper
169	100		
168	65.9	53.4	80.2
167	36.7	28.8	43.2

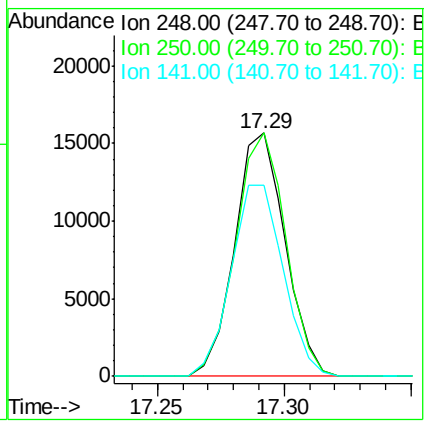




#66
4-Bromophenyl-phenylether
Concen: 3.00 ng/ul
RT: 17.29 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

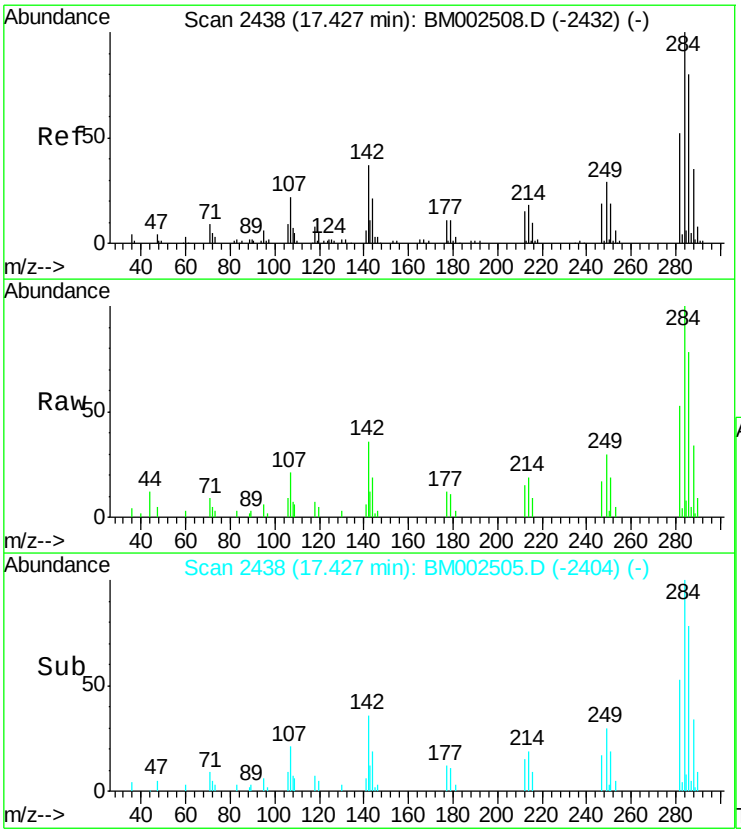
Tgt Ion:248 Resp: 21636

Ion	Ratio	Lower	Upper
248	100		
250	99.9	78.5	117.7
141	78.6	66.2	99.4



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

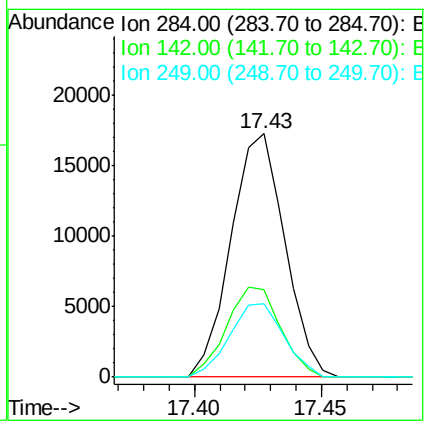
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

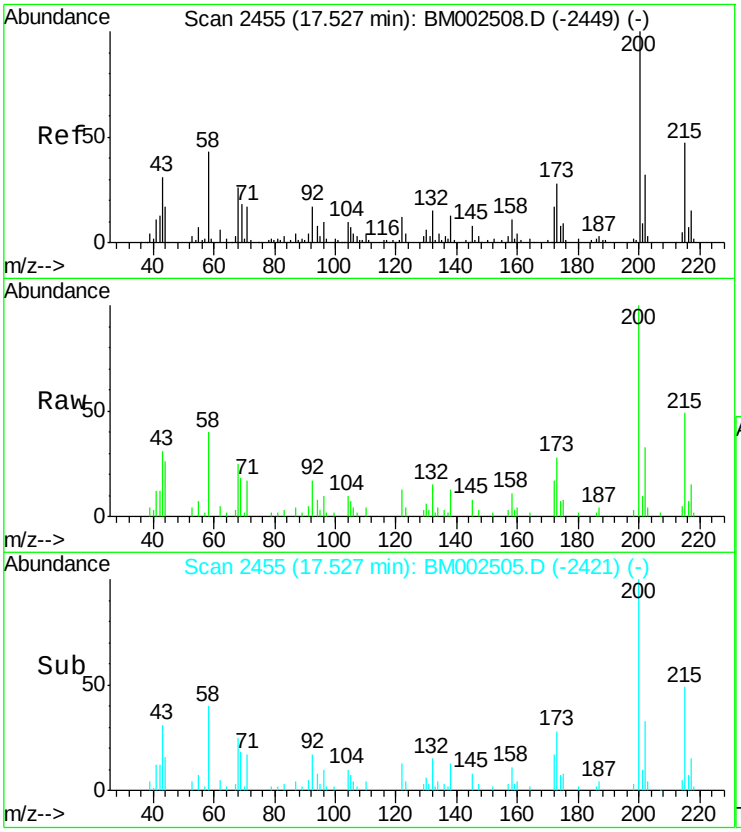


#67
Hexachlorobenzene
Concen: 3.10 ng/ul
RT: 17.43 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:284 Resp: 25458

Ion	Ratio	Lower	Upper
284	100		
142	36.1	30.2	45.4
249	30.0	24.6	36.8

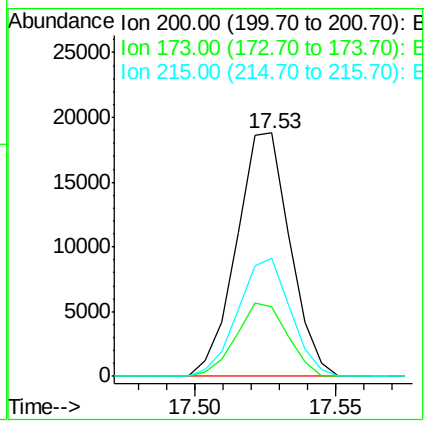




#68
Atrazine
Concen: 3.14 ng/ul
RT: 17.53 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

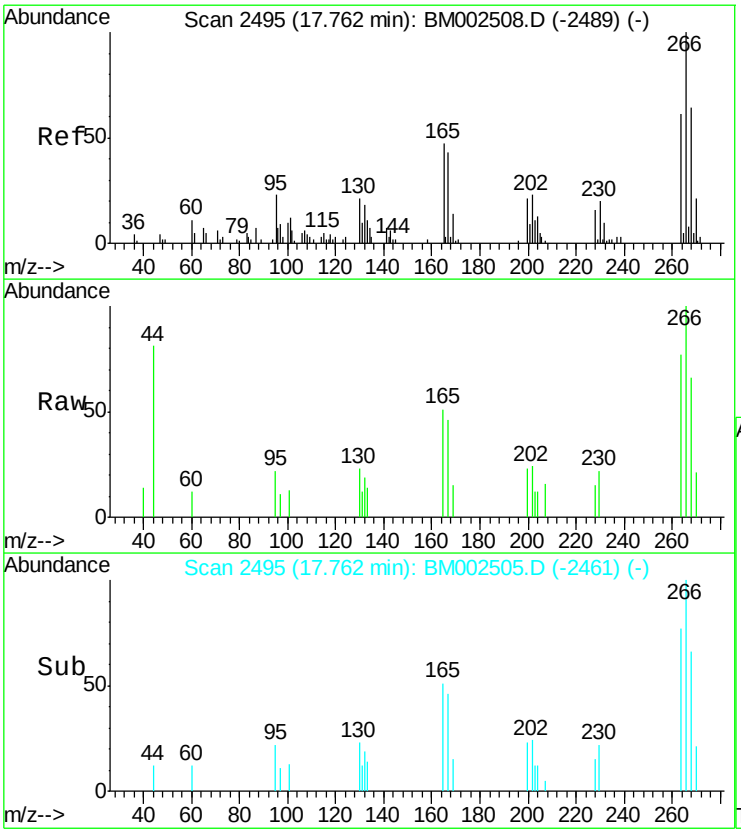
Tgt Ion:200 Resp: 24730

Ion	Ratio	Lower	Upper
200	100		
173	28.4	22.4	33.6
215	48.7	38.5	57.7



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

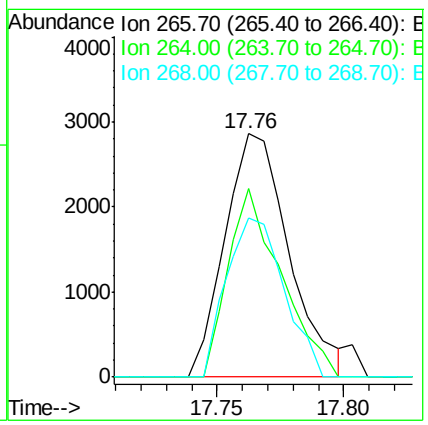
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

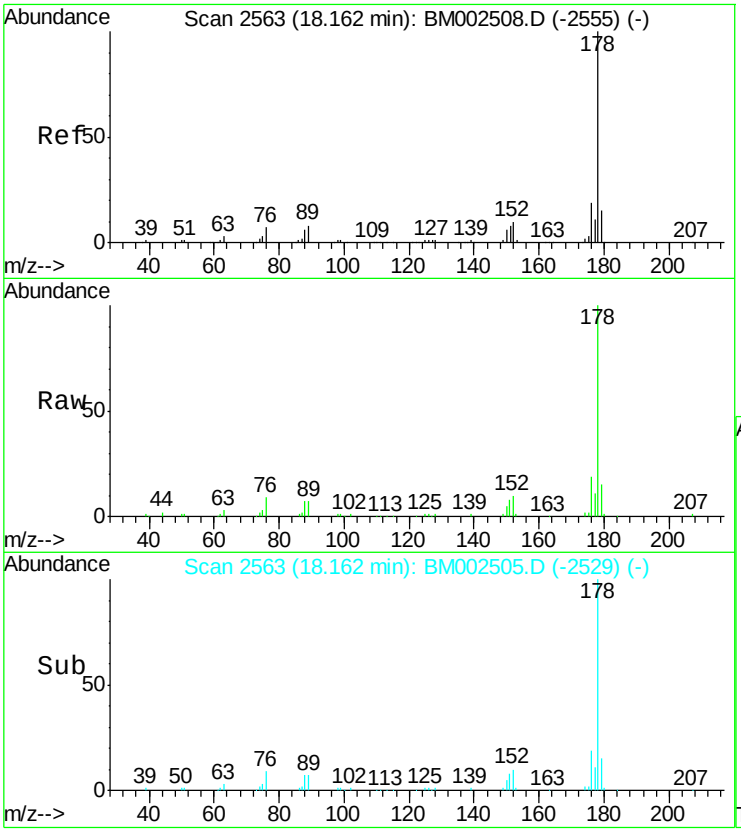


#69
Pentachlorophenol
Concen: 1.25 ng/ul
RT: 17.76 min Scan# 2495
Delta R.T. 0.00 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:266 Resp: 5054

Ion	Ratio	Lower	Upper
266	100		
264	77.2	50.3	75.5#
268	65.6	51.0	76.4

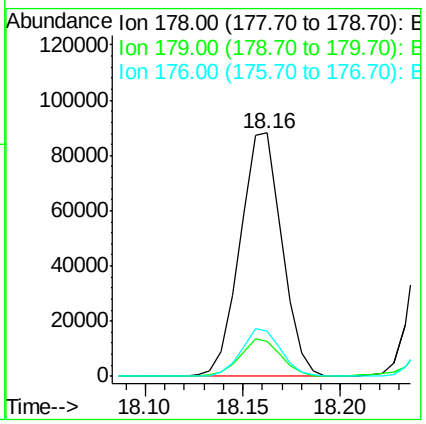




#70
Phenanthrene
Concen: 3.29 ng/ul
RT: 18.16 min Scan# 2563
Delta R.T. 0.00 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

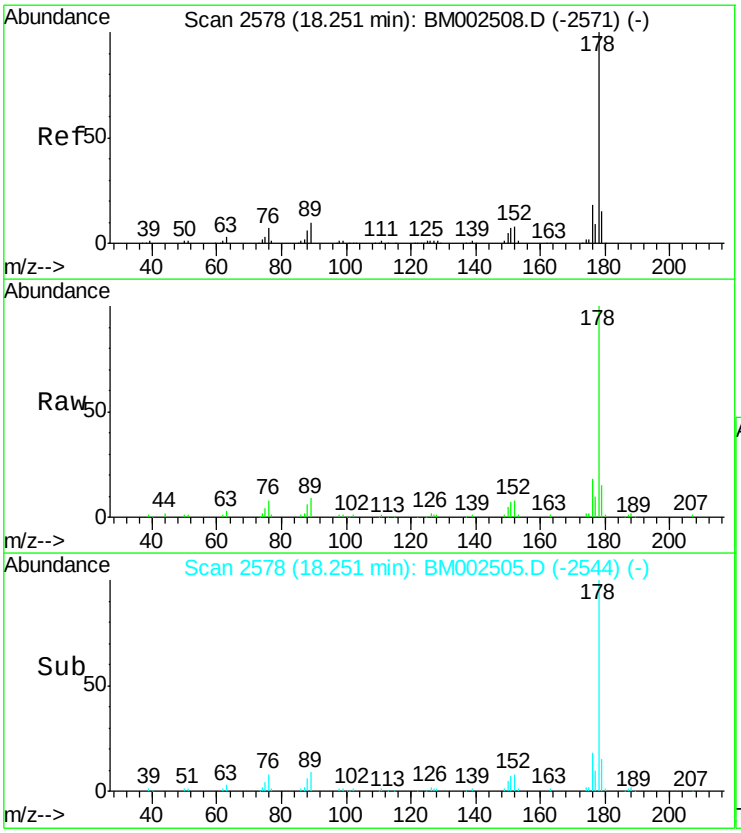
Tgt Ion:178 Resp: 130738

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.3	18.5
176	18.6	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

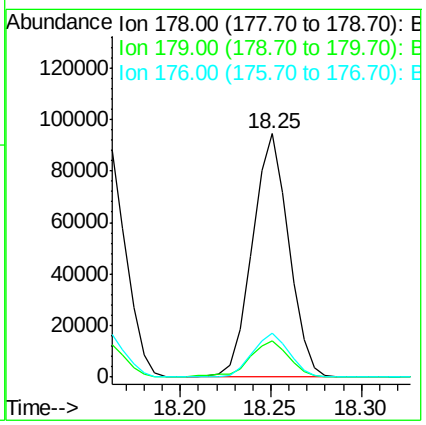
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

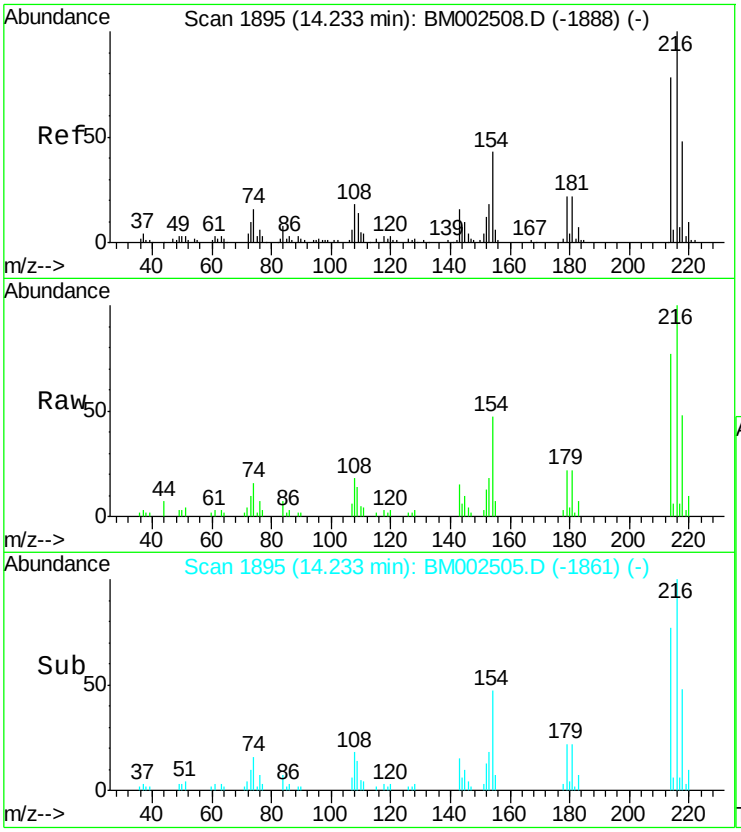


#72
Anthracene
Concen: 3.21 ng/ul
RT: 18.25 min Scan# 2578
Delta R.T. 0.00 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:178 Resp: 131815

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.2	14.5	21.7





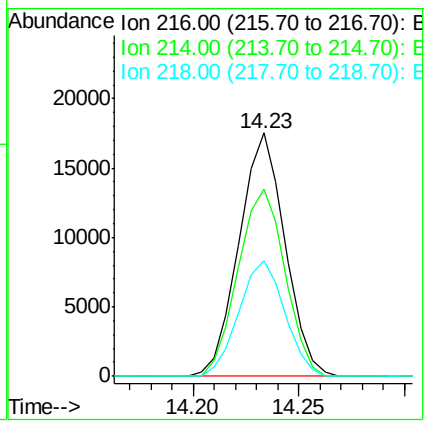
#73
1,2,3,4-Tetrachlorobenzene
Concen: 2.82 ng/uL
RT: 14.23 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

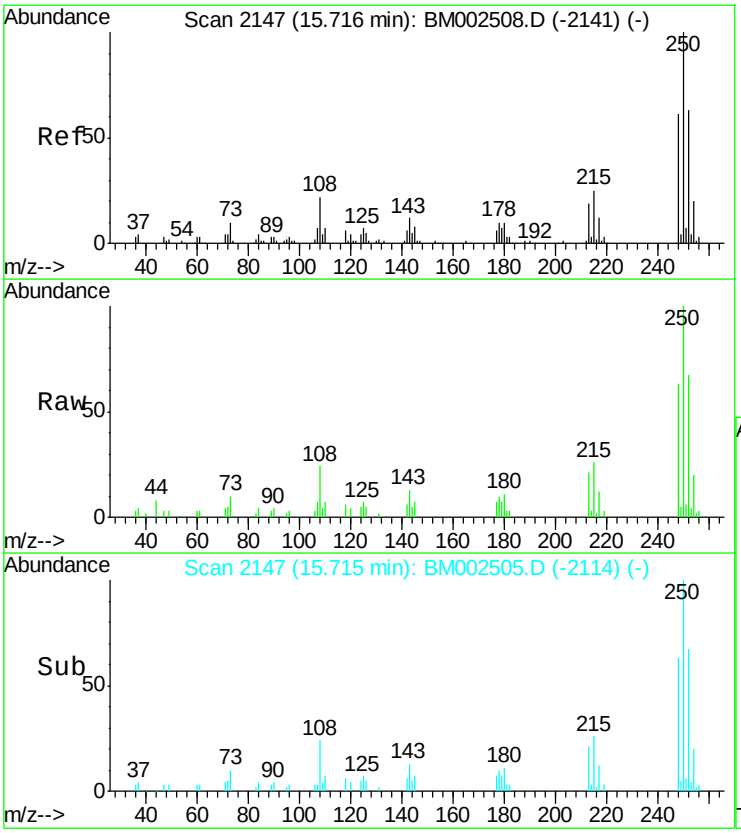
Tgt Ion:216 Resp: 26478

Ion	Ratio	Lower	Upper
216	100		
214	77.1	63.4	95.0
218	47.5	38.9	58.3

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

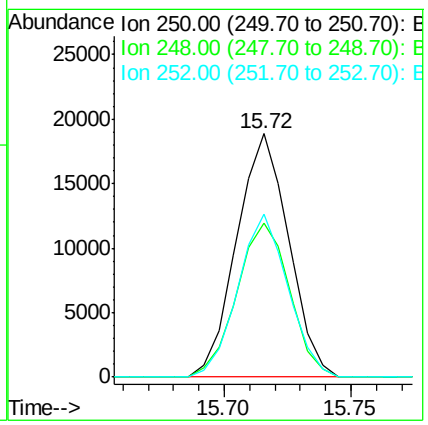


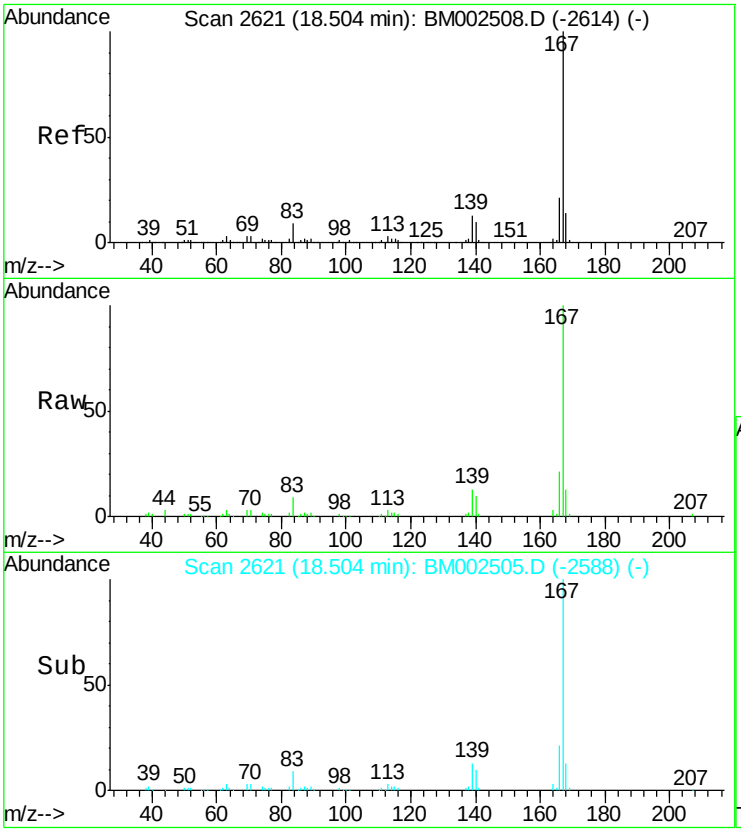


#74
Pentachlorobenzene
Concen: 2.97 ng/uL
RT: 15.72 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:250 Resp: 27007

Ion	Ratio	Lower	Upper
250	100		
248	63.2	51.0	76.6
252	67.0	50.1	75.1

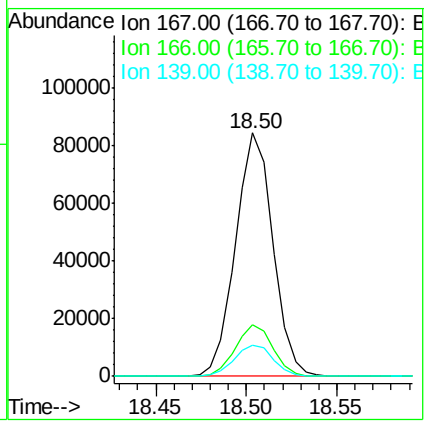




#75
Carbazole
Concen: 3.26 ng/ul
RT: 18.50 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

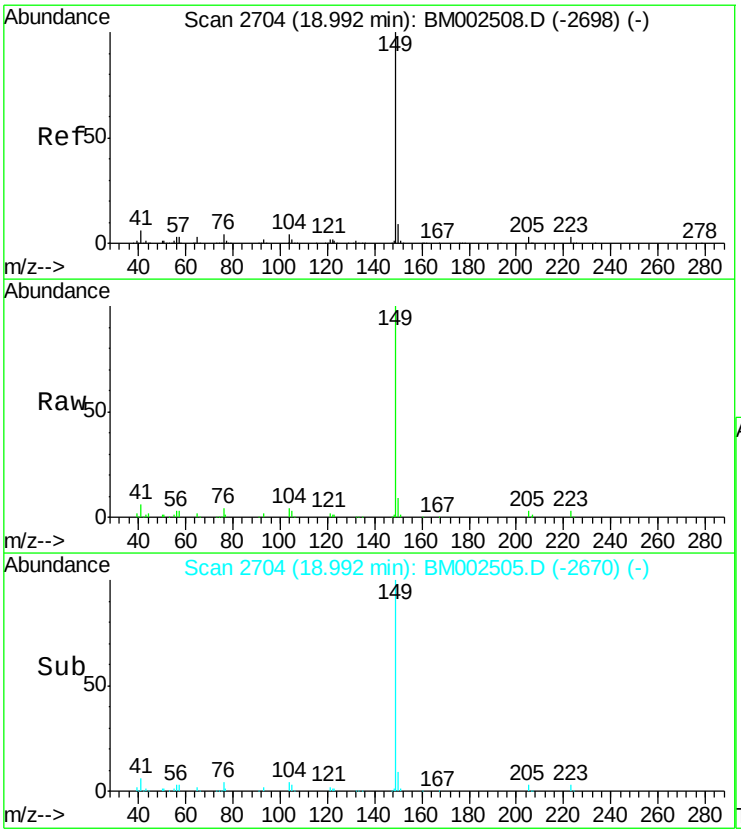
Tgt Ion:167 Resp: 121080

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.9	10.8	16.2



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

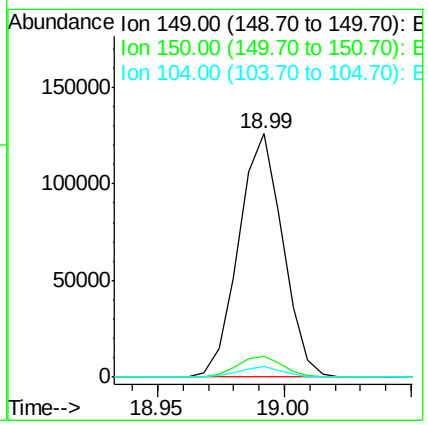
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

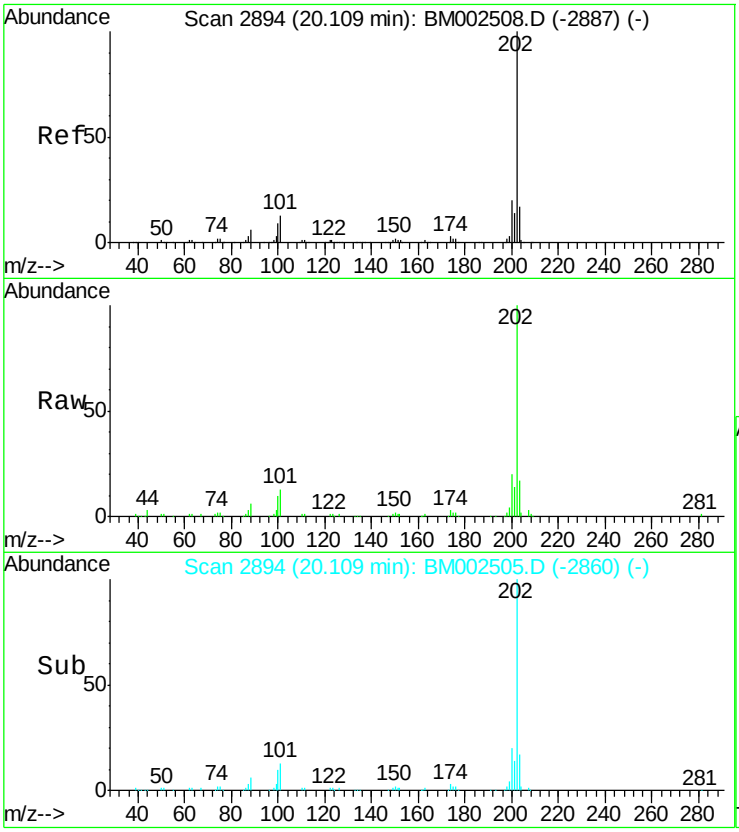


#76
Di-n-butylphthalate
Concen: 3.07 ng/ul
RT: 18.99 min Scan# 2704
Delta R.T. 0.00 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:149 Resp: 152804

Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.3	10.9
104	4.2	3.8	5.6

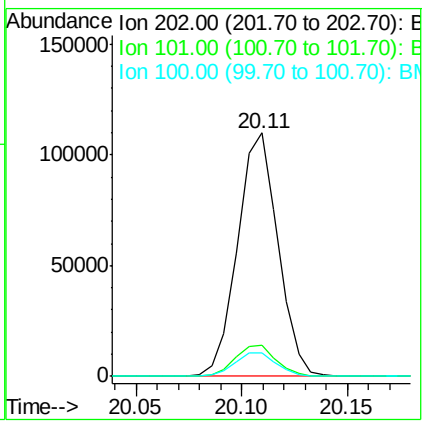




#77
Fluoranthene
Concen: 3.46 ng/ul
RT: 20.11 min Scan# 2894
Delta R.T. 0.00 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

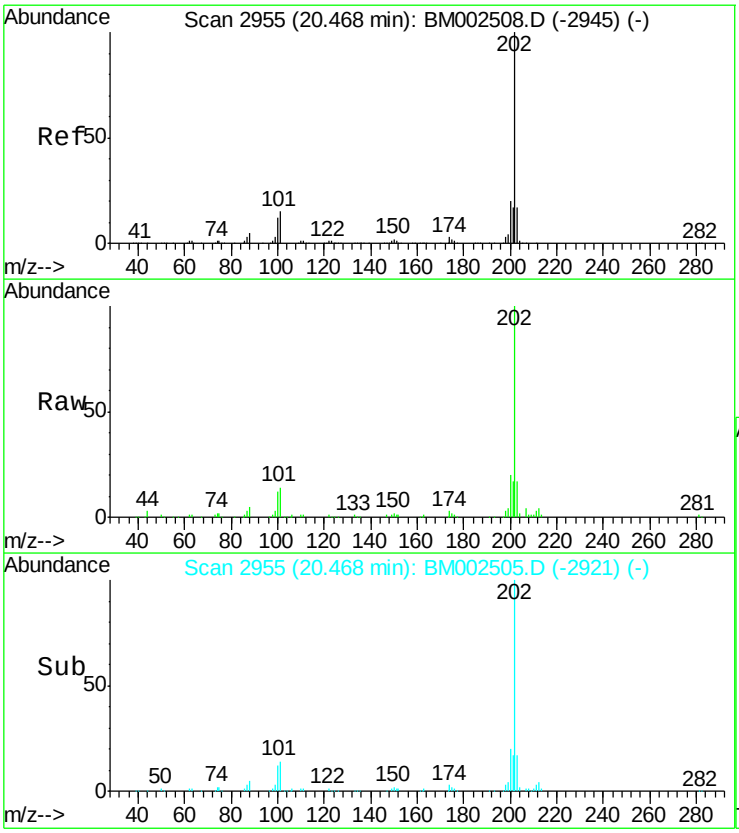
Tgt Ion:202 Resp: 145706

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.6	15.8
100	9.6	8.2	12.4



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

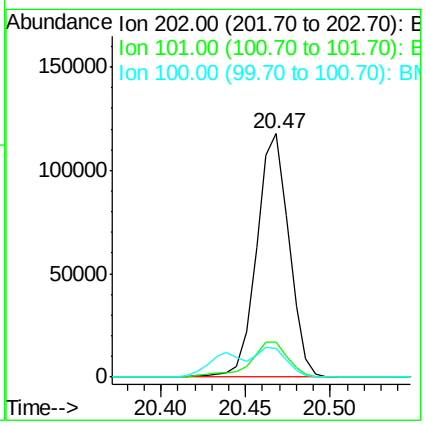
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

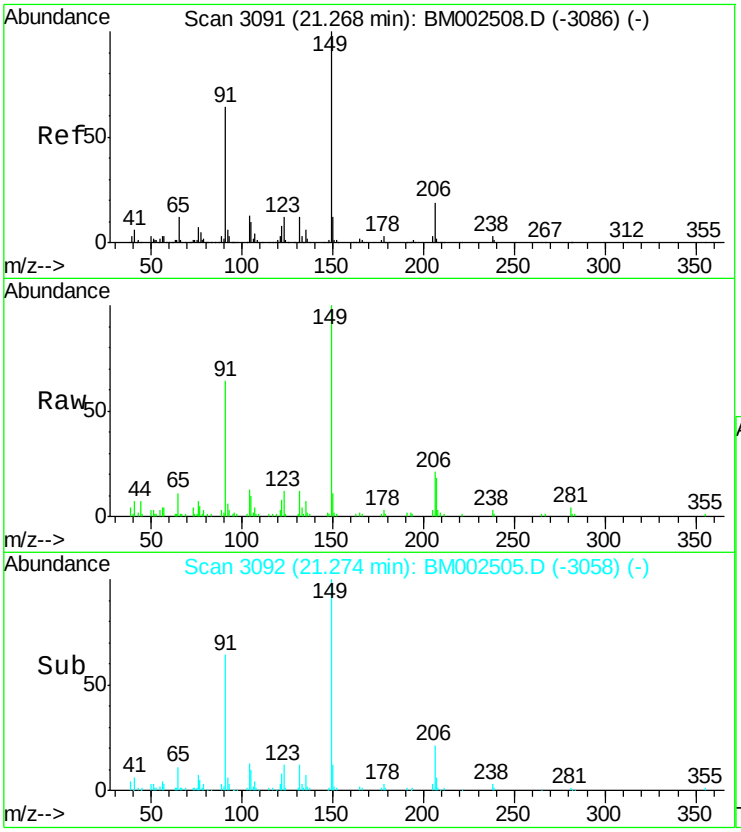


#80
Pyrene
Concen: 3.22 ng/ul
RT: 20.47 min Scan# 2955
Delta R.T. 0.00 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:202 Resp: 156713

Ion	Ratio	Lower	Upper
202	100		
101	14.1	13.0	19.6
100	11.5	11.0	16.4





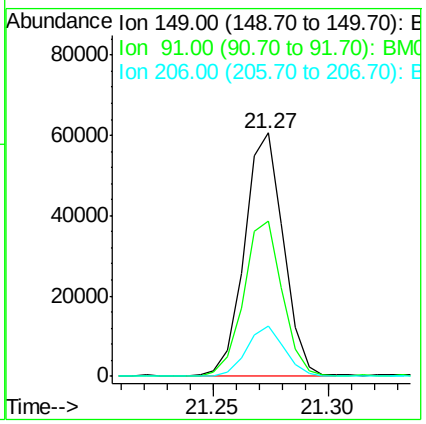
#81
Butylbenzylphthalate
Concen: 2.97 ng/ul
RT: 21.27 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

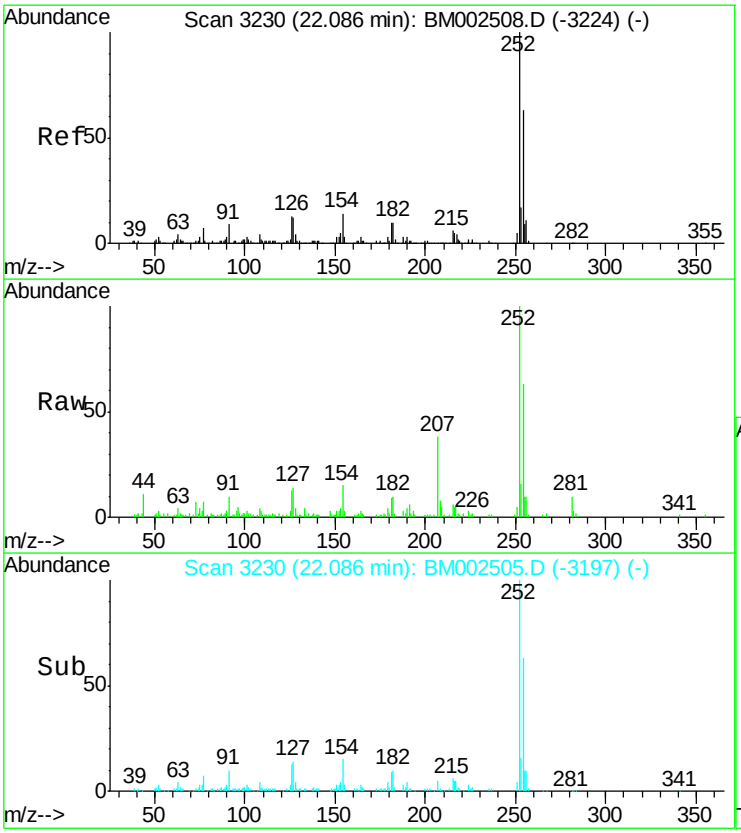
Tgt Ion:149 Resp: 71450

Ion	Ratio	Lower	Upper
149	100		
91	63.8	57.5	86.3
206	20.7	15.2	22.8

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

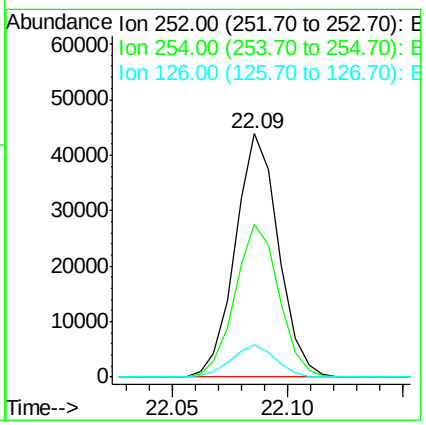


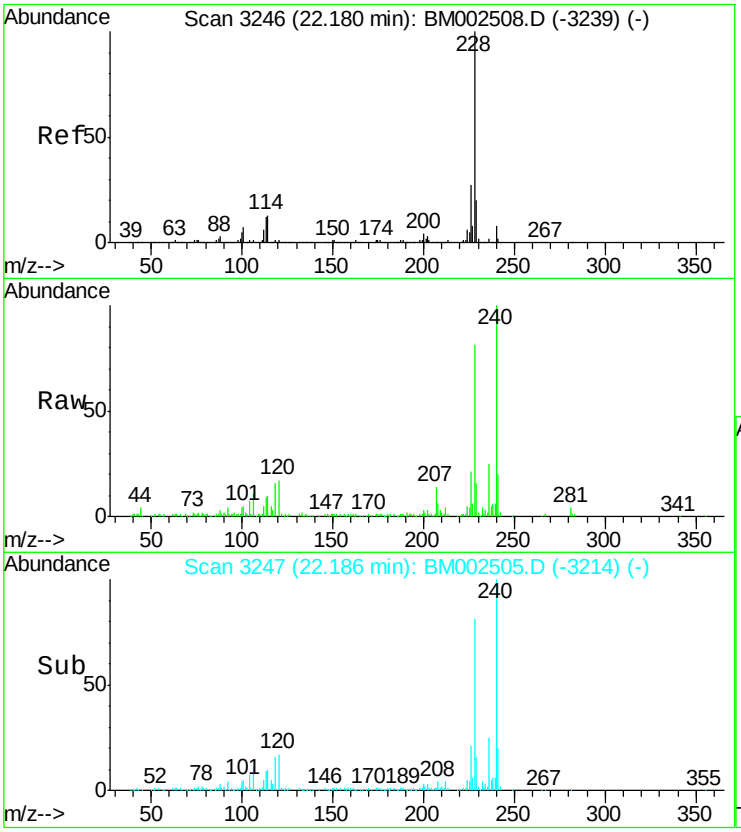


#82
3,3'-Dichlorobenzidine
Concen: 3.96 ng/ul
RT: 22.09 min Scan# 3230
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:252 Resp: 57294

Ion	Ratio	Lower	Upper
252	100		
254	62.8	52.5	78.7
126	13.2	11.8	17.8





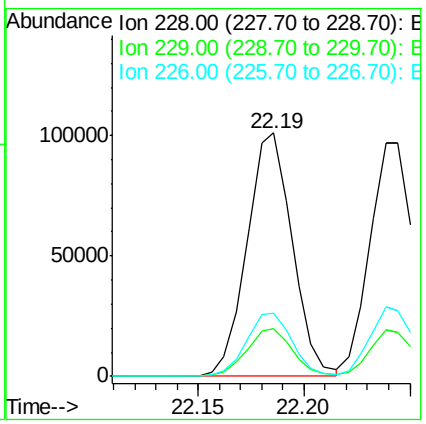
#83
Benzo(a)anthracene
Concen: 3.28 ng/ul
RT: 22.19 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

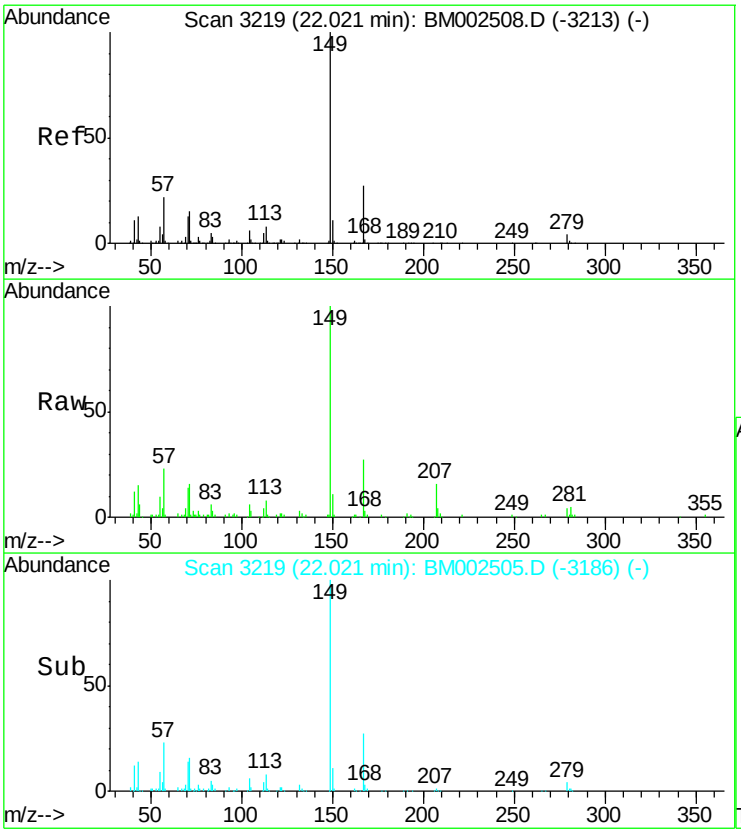
Tgt Ion:228 Resp: 150583

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.7	23.5
226	25.7	21.4	32.0

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

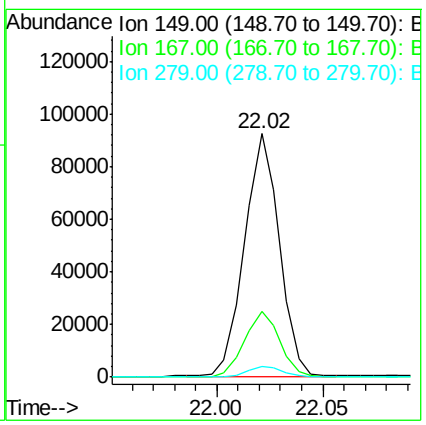


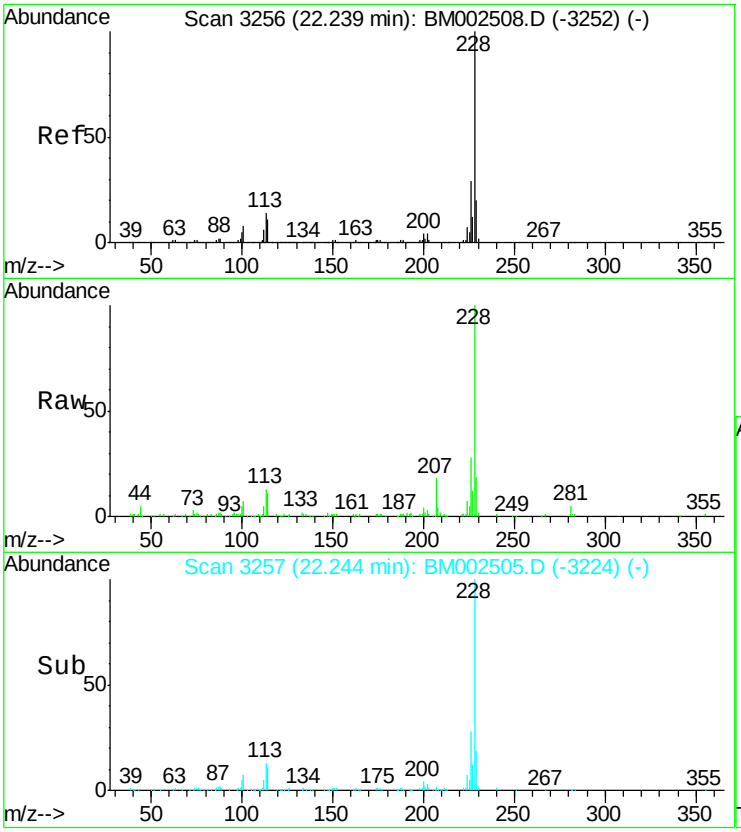


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.03 ng/ul
RT: 22.02 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:149 Resp: 105356

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.4	32.2
279	4.3	3.2	4.8





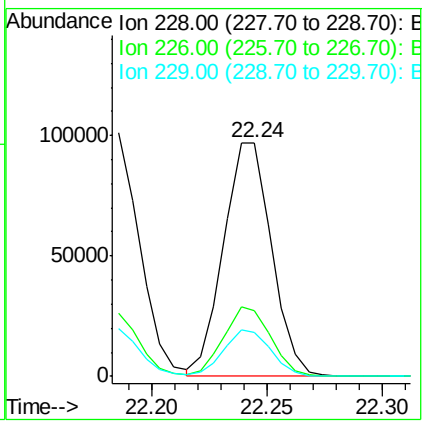
#85
Chrysene
Concen: 3.23 ng/ul
RT: 22.24 min Scan# 3257
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

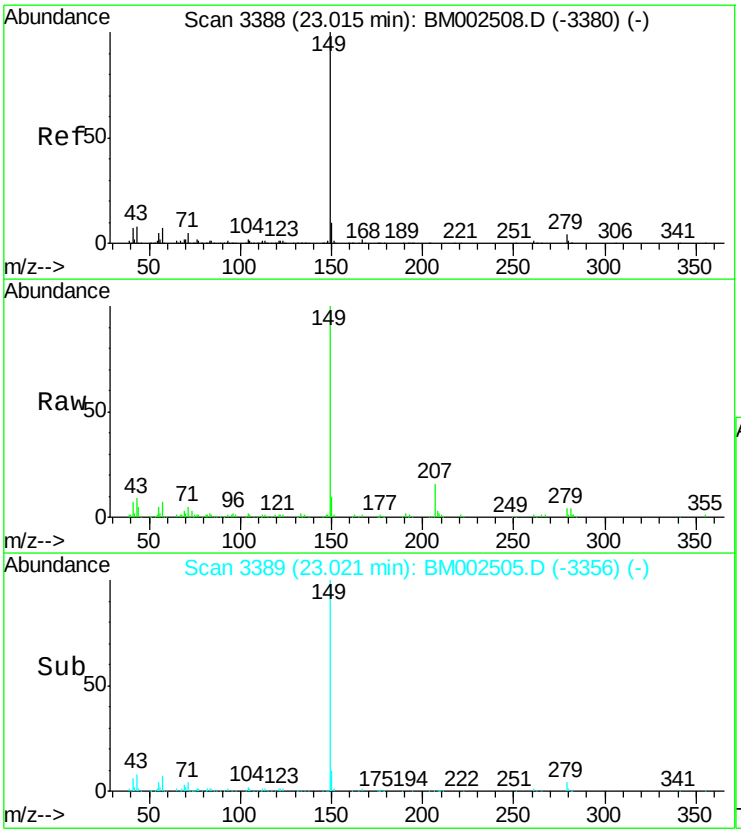
Tgt Ion:228 Resp: 140834

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.4	35.0
229	18.8	15.5	23.3

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

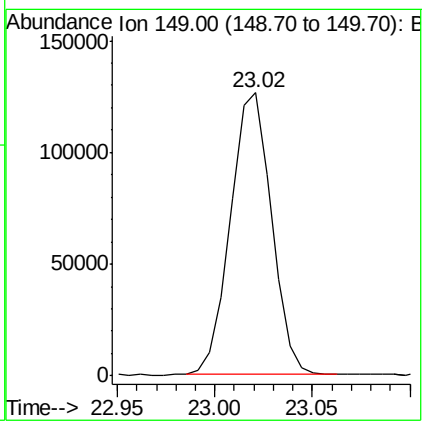
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

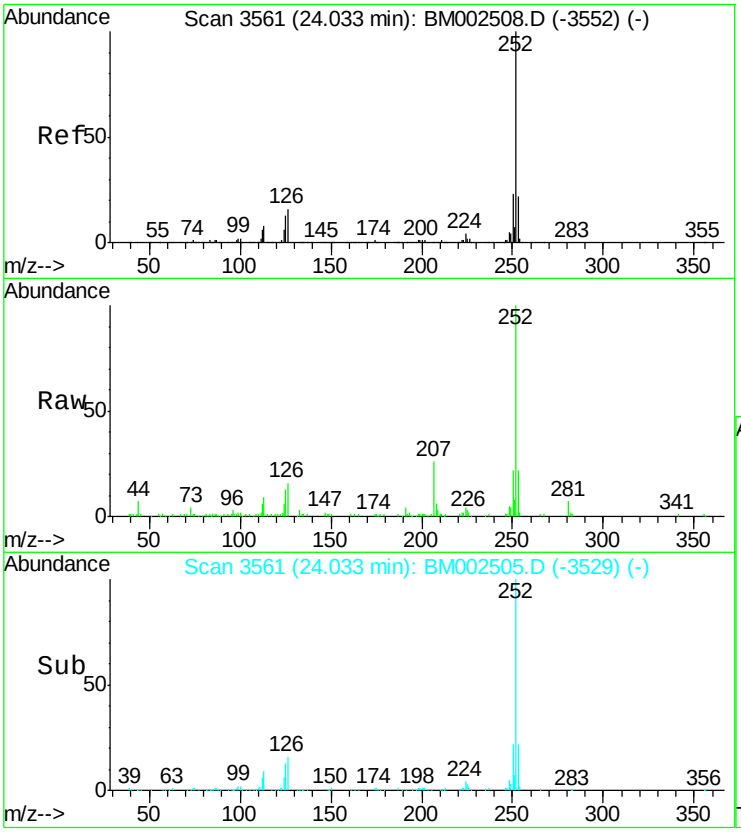




#87
Di-n-octyl phthalate
Concen: 3.14 ng/ul
RT: 23.02 min Scan# 3389
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:149 Resp: 183664

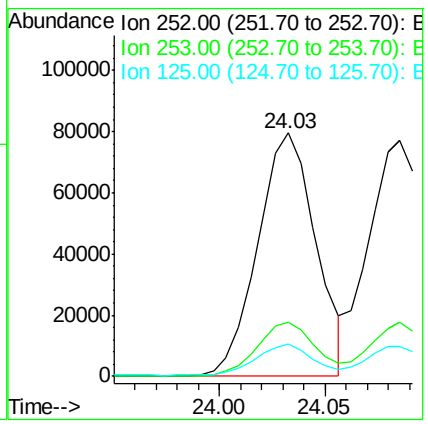




#88
Benzo(b)fluoranthene
Concen: 3.20 ng/ul
RT: 24.03 min Scan# 3561
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

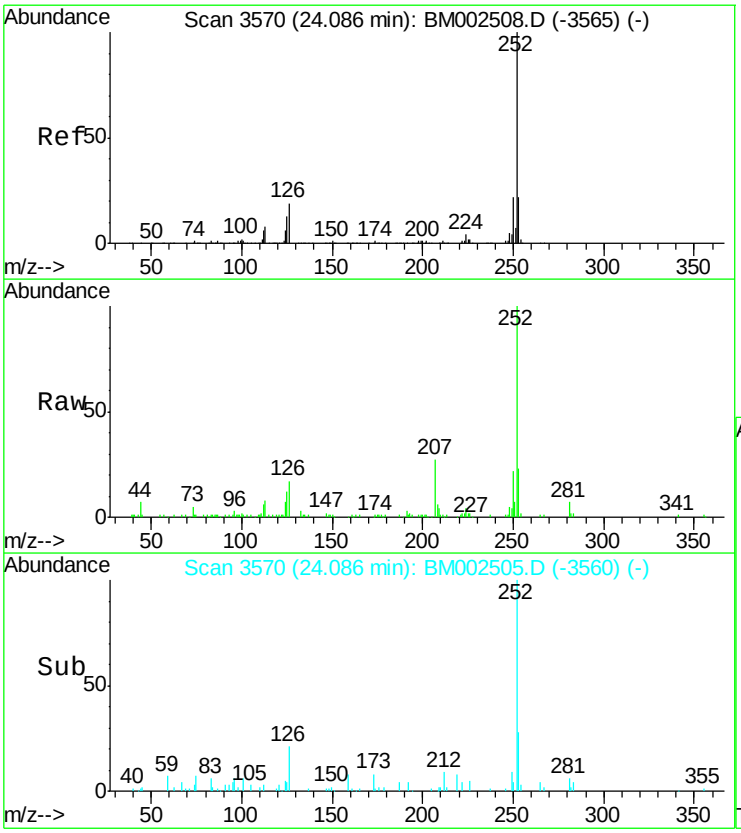
Tgt Ion:252 Resp: 152031

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	13.2	10.3	15.5



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

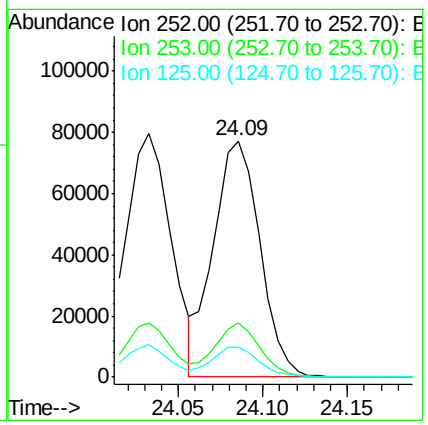
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

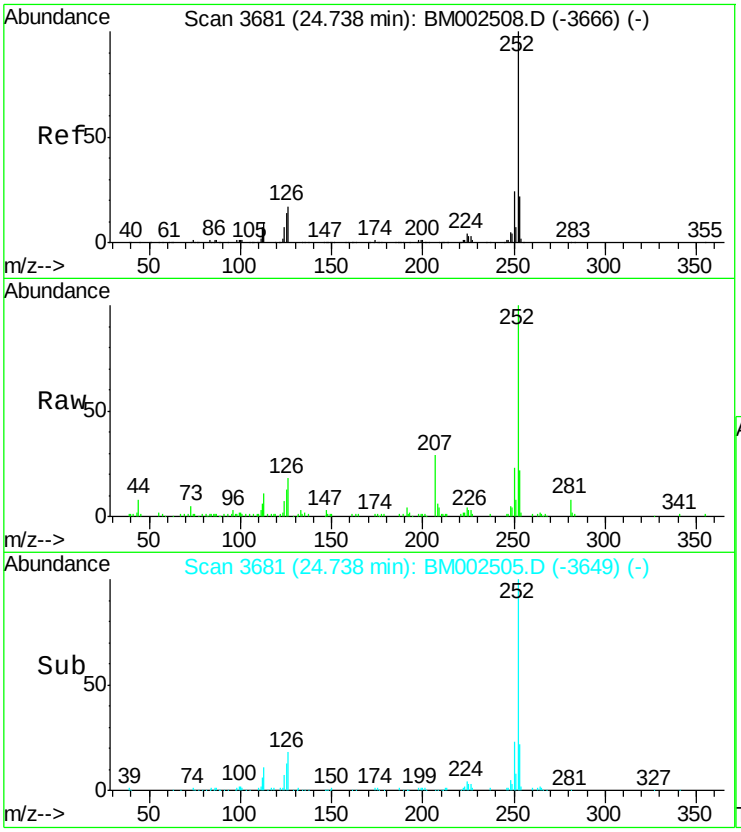


#89
Benzo(k)fluoranthene
Concen: 3.25 ng/ul
RT: 24.09 min Scan# 3570
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:252 Resp: 148489

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	12.4	10.2	15.4

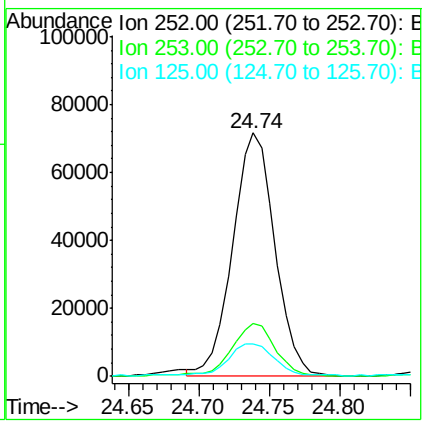




#91
Benzo(a)pyrene
Concen: 3.30 ng/ul
RT: 24.74 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

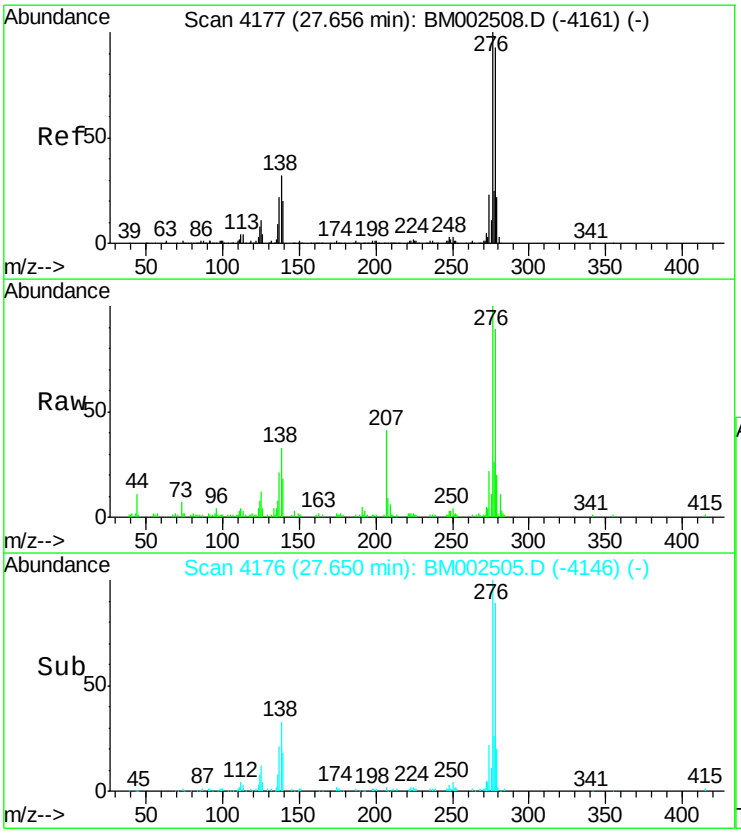
Tgt Ion:252 Resp: 150061

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	13.2	11.0	16.6



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

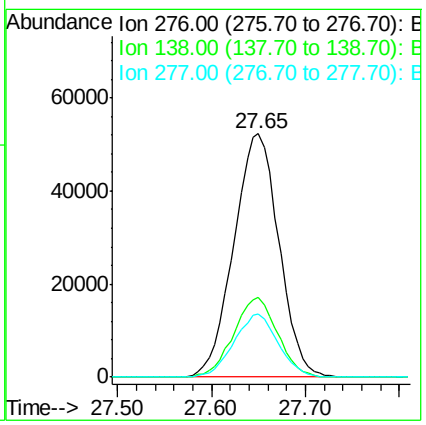
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM

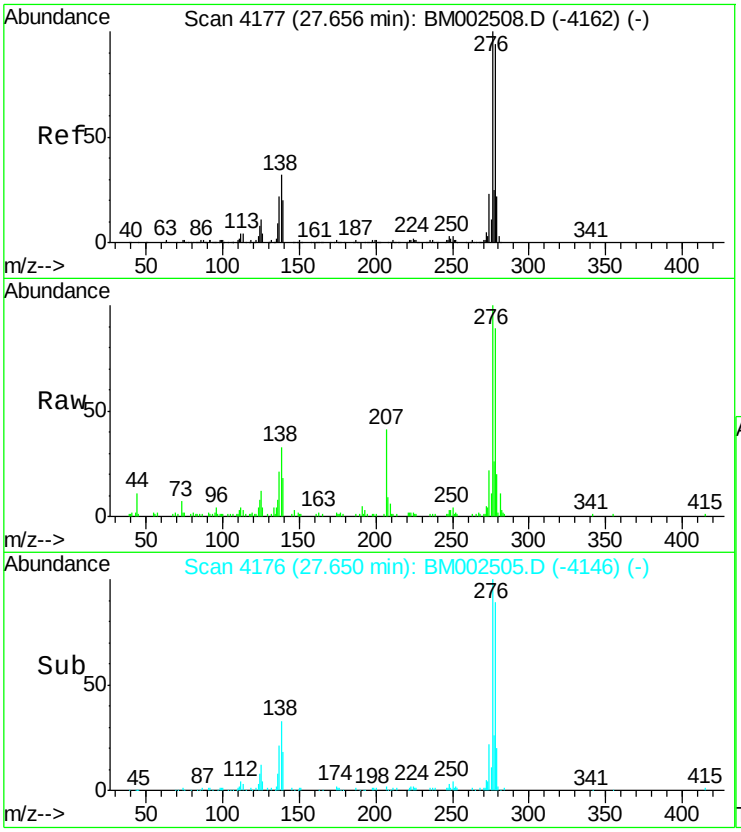


#92
Indeno(1,2,3-cd)pyrene
Concen: 3.34 ng/ul
RT: 27.65 min Scan# 4176
Delta R.T. -0.02 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:276 Resp: 174116

Ion	Ratio	Lower	Upper
276	100		
138	32.9	25.6	38.4
277	25.8	21.0	31.4

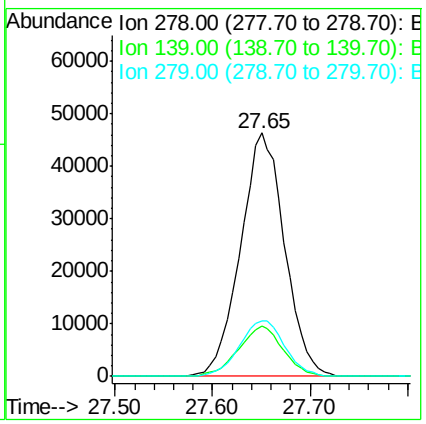




#93
Dibenzo(a,h)anthracene
Concen: 3.30 ng/ul
RT: 27.65 min Scan# 4176
Delta R.T. -0.02 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

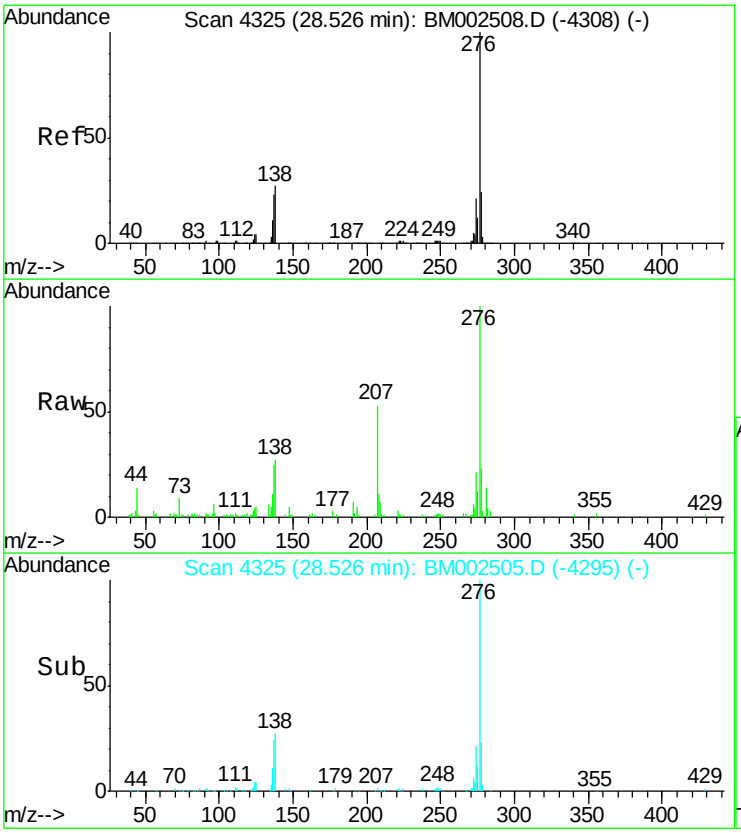
Tgt Ion:278 Resp: 145825

Ion	Ratio	Lower	Upper
278	100		
139	20.6	16.4	24.6
279	22.6	18.8	28.2



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:50 PM



#94
Benzo(g,h,i)perylene
Concen: 3.27 ng/ul
RT: 28.53 min Scan# 4325
Delta R.T. -0.02 min
Lab File: BM002505.D
Acq: 19 Aug 2015 23:44

Tgt Ion:276 Resp: 143777

Ion	Ratio	Lower	Upper
276	100		
138	27.3	20.5	30.7
277	22.9	19.0	28.6